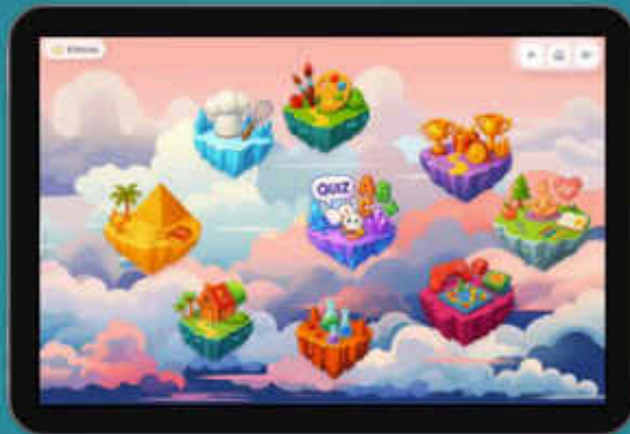




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Position and Location - Foundation

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Position Words

in



on



under



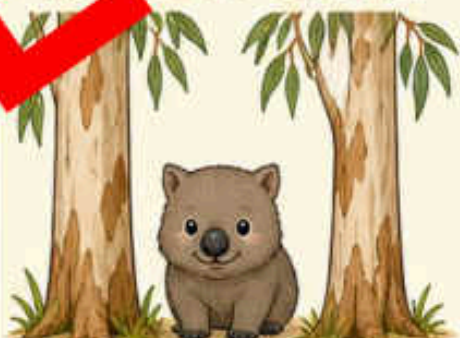
above



next to



between



in front of



behind



near



far



inside



outside



Left and Right



LEFT



RIGHT



The pencil is
left of the book.

The ruler is
right of the book.



Where Is Wombat?

Picture Match

How to Play

1. Work with a partner.
 2. Place the word cards face up.
 3. Turn over one picture card.
 4. Match the picture to the position word.
 5. Explain the match in a full sentence.
- Take turns until every picture has a match.



under

on





Where Is Wombat? Word Cards



in

on

under

above

inside

outside



Where Is Wombat? Word Cards

next to

between

in front of

behind

near

far

Where Is Wombat? Picture Cards



Where Is Wombat? Picture Cards



Follow the Clues

How to Play

1.



1. Place the animal cards where everyone can reach them.

2.



2. Choose a direction card.

3.



3. Listen carefully and complete every step.

4.



4. Keep the card when the direction is followed correctly.

5.



5. The player with the most cards wins.

Begin with one-step cards. Try longer clues when you are ready.



Follow the Clues - Animal Cards



koala



wombat



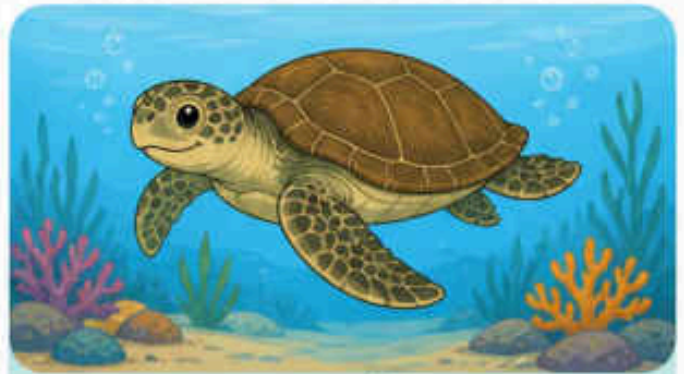
kangaroo



cockatoo



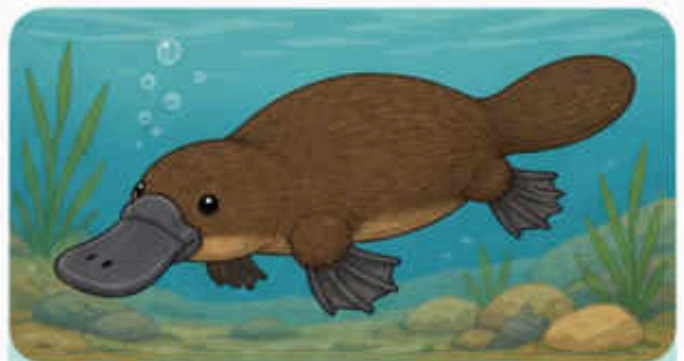
echidna



turtle



quokka



platypus

One-Step Clues

Put the koala
beside the
wombat.



Place the turtle
under the
koala.



Put the
cockatoo
above the
quokka.



Place the
echidna next to
the platypus.



Put the
kangaroo
behind the
wombat.



Place the
quokka in
front of the
turtle.



Two-Step Clues



Put the koala beside the wombat, then place the turtle under the koala.



Place the cockatoo above the quokka, then put the echidna next to the quokka.



Put the kangaroo behind the wombat, then place the platypus in front of the kangaroo.



Touch the turtle, then move the koala near it.



Place the quokka between the koala and wombat, then point to the quokka.



Put the echidna far from the platypus, then turn the platypus over.

Three-Step Clues

Put the koala
beside the wombat.

Place the turtle
under the koala.

Point to the wombat.



Place the cockatoo
above the quokka.

Put the echidna
next to the quokka.

Clap once.



Put the kangaroo
behind the wombat.

Place the platypus
in front of the
kangaroo.

Touch your head.



Move the turtle
near the koala.

Put the quokka
between them.

Stand up.



Place the echidna
far from the
platypus.

Turn the platypus
over.

Sit down.



Put the wombat
in front of
the koala.

Move the cockatoo
above them.

Point left.



Position Picture Sort

Name: _____

Cut out the words. Paste one word under each picture.

1.



2.



3.



4.



5.



6.



in

above

under

between

beside

behind

Position Picture Sort

Name: ANSWERS

Cut out the words. Paste one word under each picture.

1.



in

2.



above

3.



under

4.



between

5.



beside

6.



behind



in

above

under

between

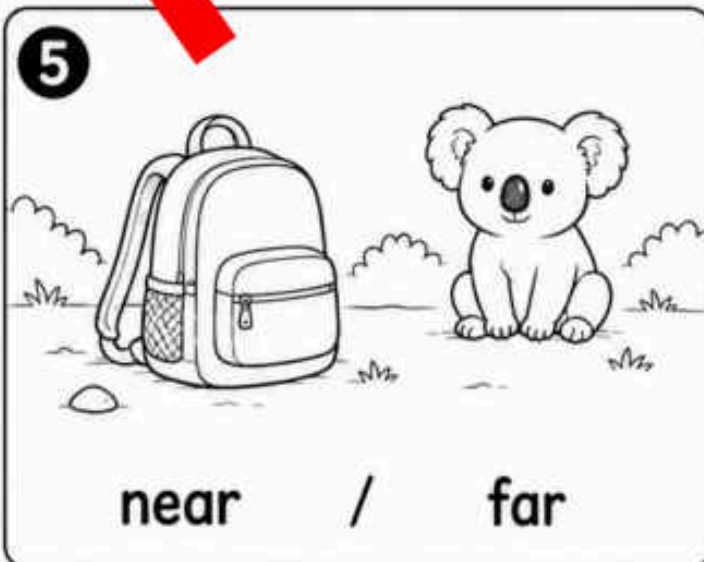
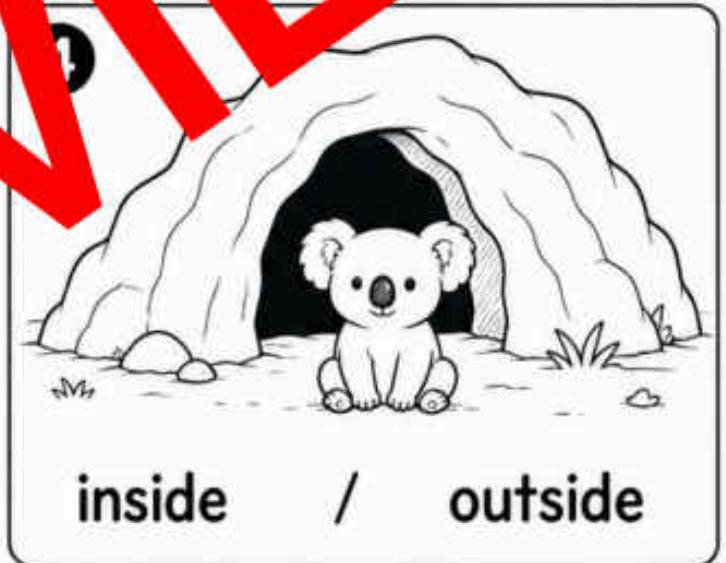
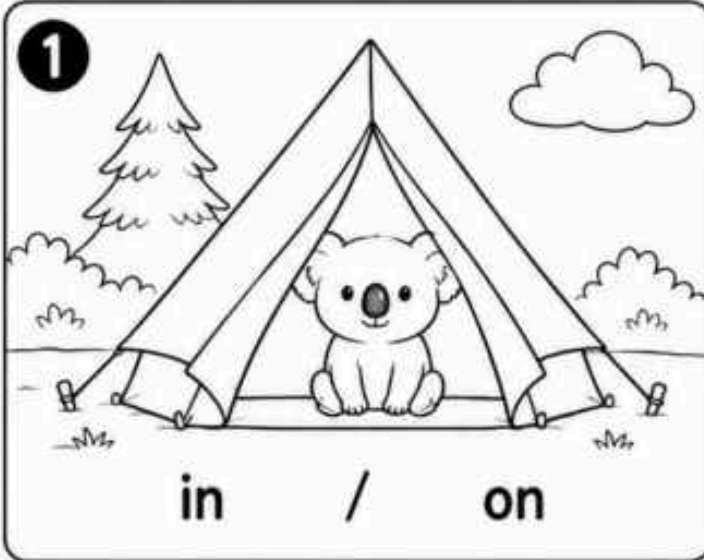
beside

behind

Where Is Kiki? - Support

Name: _____

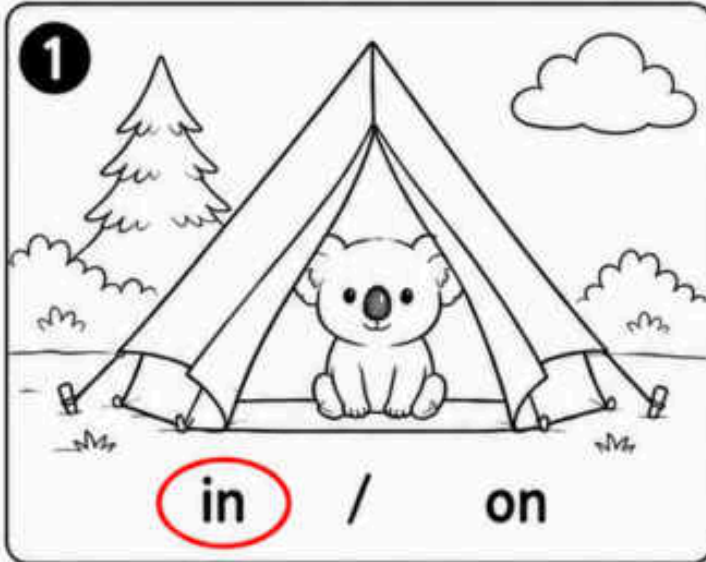
Circle the word that tells where Kiki is.



Where Is Kiki? - Support

Name: ANSWERS

Circle the word that tells where Kiki is.



Where Is Kiki? - Core

Name: _____

Circle the best position phrase.

1.



between / next to / behind

2.



behind / in front of / inside

3.



above / below / beside

4.



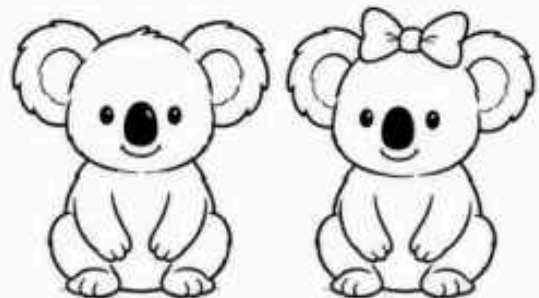
near / far / between

5.



on / under / inside

6.



behind / next to / between

Where Is Kiki? - Core

Name: ANSWERS

Circle the best position phrase.

1.



between / next to / behind

2.



behind / in front of / inside

3.



above / below / beside

4.



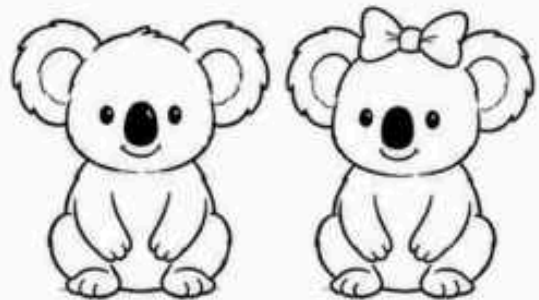
near / far / between

5.



on / under / inside

6.



behind / next to / between

Listen and Draw at the Park - Support

Name: _____

Listen to each direction. Draw the item in the correct place.



1. Draw a ball under the bench.
2. Draw a bird above the tree.
3. Draw a child next to the slide.
4. Draw a kite in the sky.
5. Draw a flower between the bushes.
6. Draw a duck in the pond.

Listen and Draw at the Park - Support

Name: ANSWERS

Listen to each direction. Draw the item in the correct place.



1. Draw a ball under the bench.
2. Draw a bird above the tree.
3. Draw a child next to the slide.
4. Draw a kite in the sky.
5. Draw a flower between the bushes.
6. Draw a duck in the pond.

Listen and Draw at the Park - Core

Name: _____

Follow both parts of each direction.



1. Draw a teddy beside the picnic rug, then draw an apple on the rug.
2. Draw a dog in front of the tree, then draw a bone behind the dog.
3. Draw a cloud above the pond, then draw a duck in the pond.
4. Draw a hat under the bench, then draw a ball beside it.
5. Draw two children between the swing and the slide.

Listen and Draw at the Park - Core

Name: ANSWERS

Follow both parts of each direction.

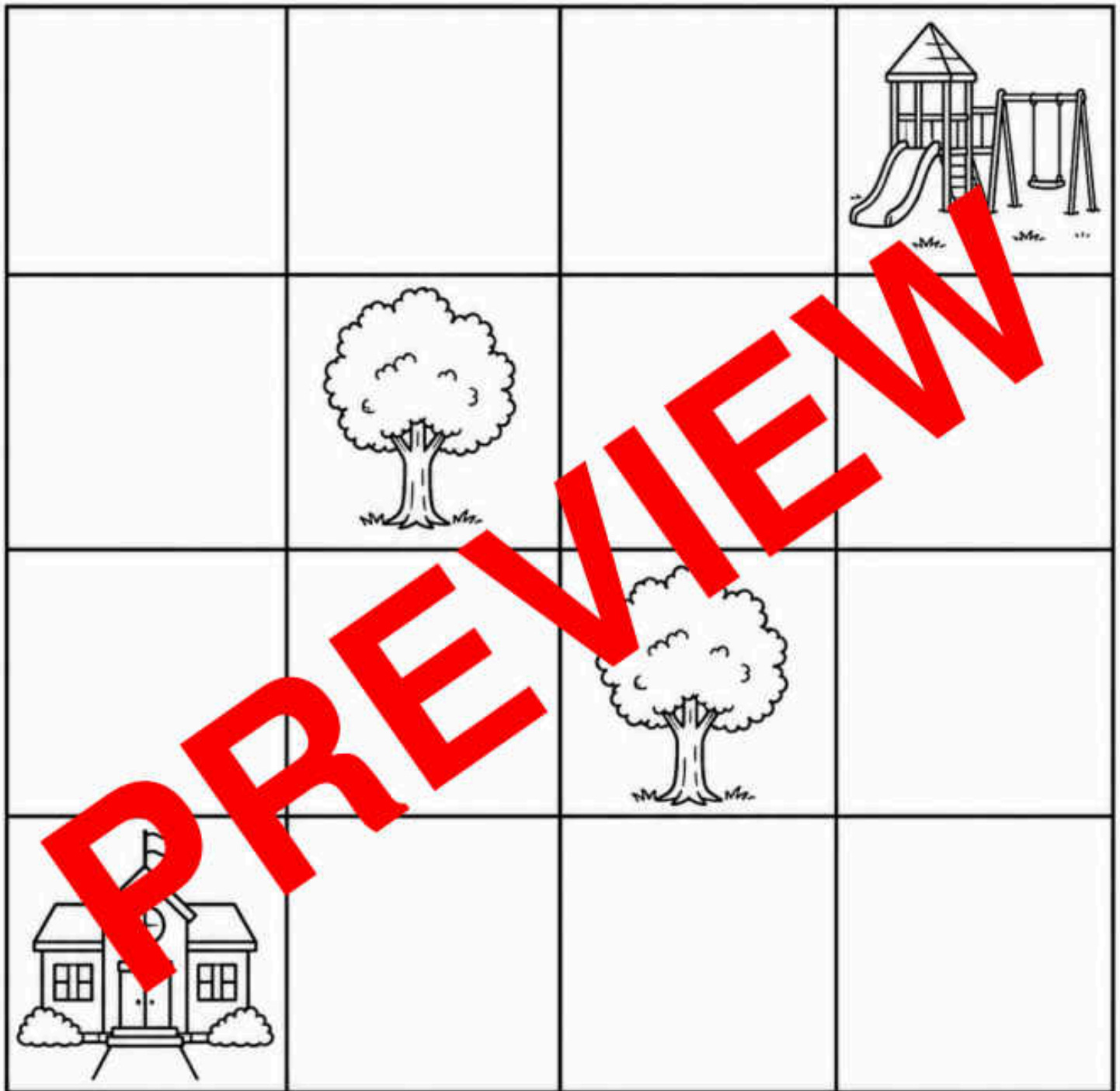


1. Draw a teddy beside the picnic rug, then draw an apple on the rug.
2. Draw a dog in front of the tree, then draw a bone behind the dog.
3. Draw a cloud above the pond, then draw a duck in the pond.
4. Draw a hat under the bench, then draw a ball beside it.
5. Draw two children between the swing and the slide.

Path to the Playground – Support

Name: _____

Start at the school. Trace a safe path to the playground. Use the arrows to help you.



Word bank



forward



turn left

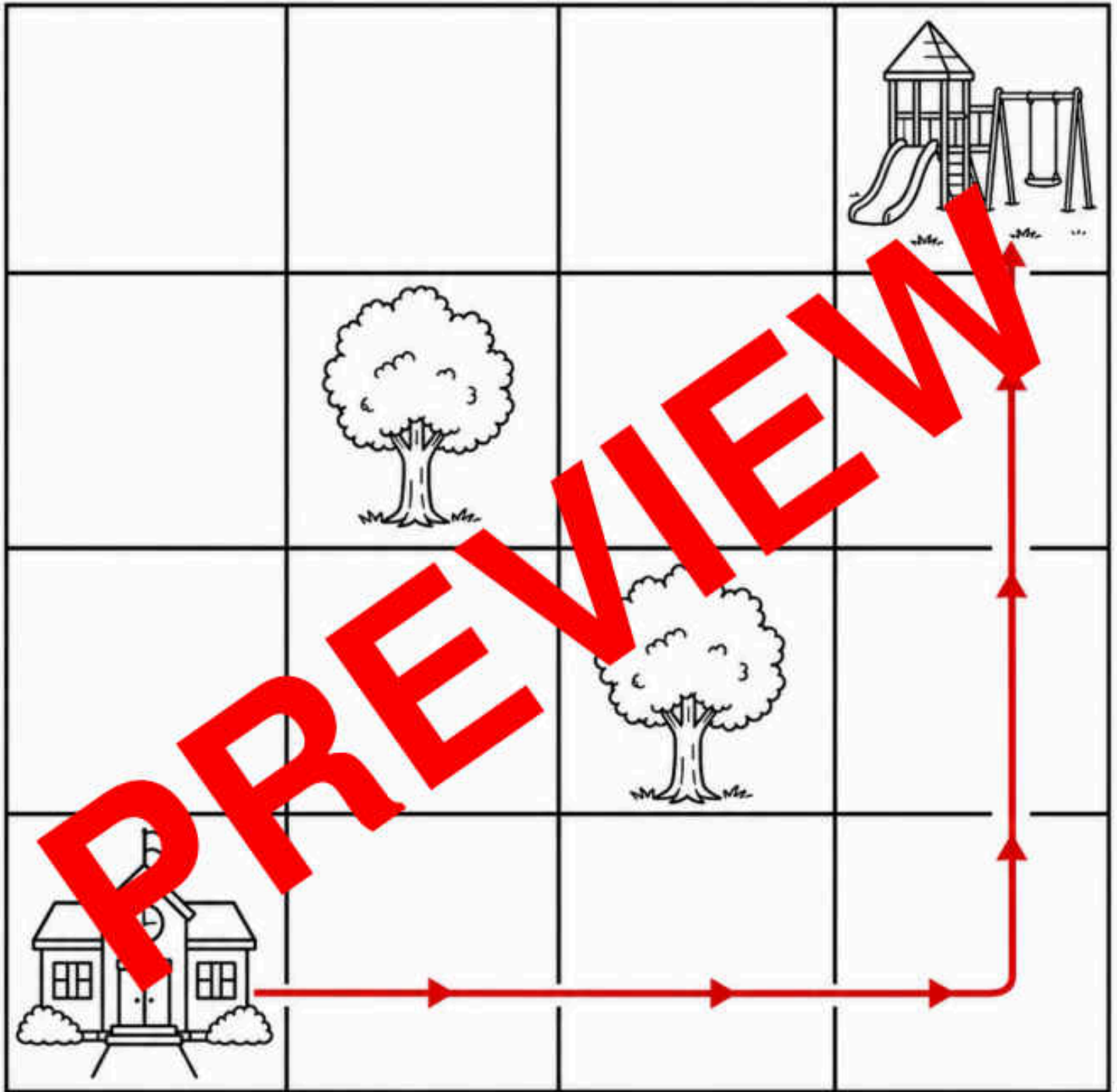


turn right

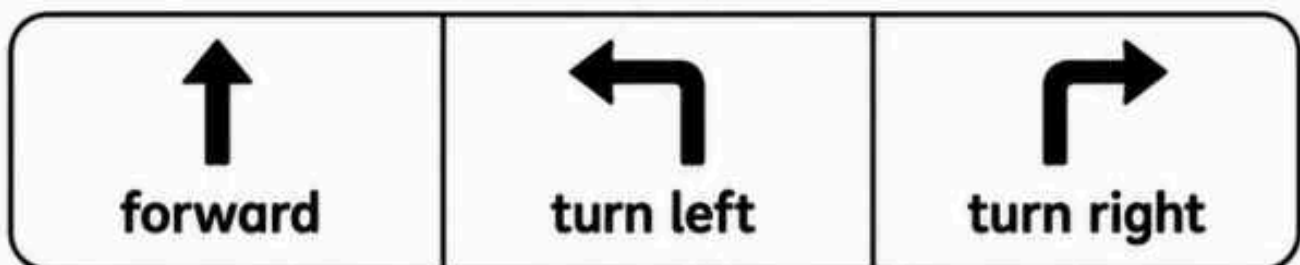
Path to the Playground – Support

Name: ANSWERS

Start at the school. Trace a safe path to the playground. Use the arrows to help you.



Word bank



forward, forward, forward, turn left, forward, forward, forward

Path to the Playground - Core

Name: _____

Plan a path from the library to the playground. Draw arrows in the grid. Write your directions.



My directions:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Word bank

forward

turn left

turn right

Path to the Playground - Core

Name: ANSWERS

Plan a path from the library to the playground. Draw arrows in the grid. Write your directions.



My directions:

1. forward
2. forward
3. forward
4. forward
5. turn left
6. forward, forward, forward, forward

Word bank

forward

turn left

turn right

Classroom Position Hunt

Name: _____

Find each place in your classroom. Draw or write what you found.

- ☐ 1. Something above you

- ☐ 2. Something beside the door

- ☐ 3. Something under a table

- ☐ 4. Something near a window

- ☐ 5. Something far from the whiteboard

- ☐ 6. Something between two chairs

- ☐ 7. Something inside a tub

- ☐ 8. Something behind another object

Left and Right



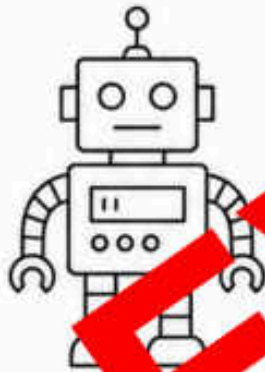
left

Name: _____



right

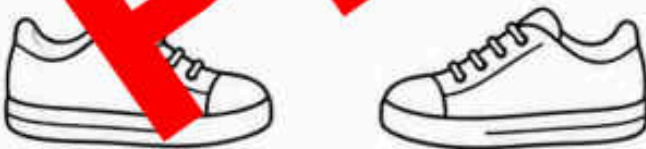
1. Draw a star left of the robot.



2. Draw a ball right of the box.



3. Circle the shoe on the right.



4. Circle the bird on the left.



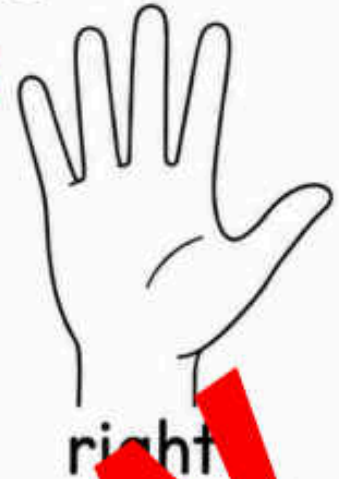
5. Draw an arrow pointing left.

6. Draw an arrow pointing right.

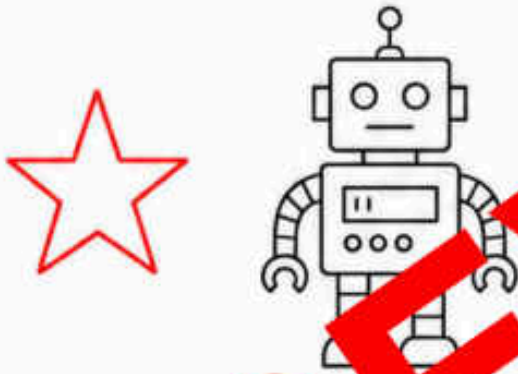
Left and Right



Name: **ANSWERS**



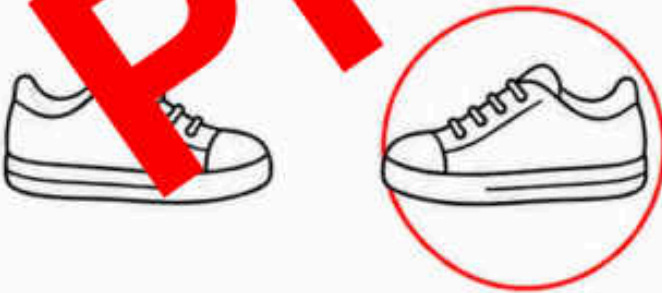
1. Draw a star left of the robot.



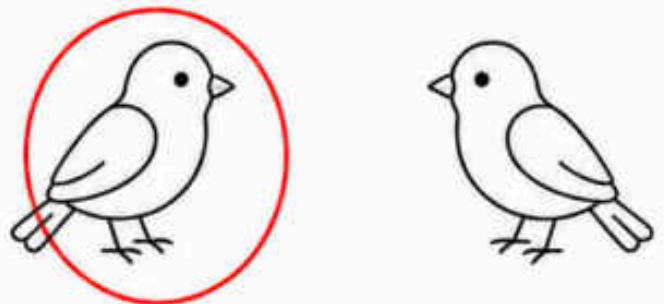
2. Draw a ball right of the box.



3. Circle the shoe on the right.



4. Circle the bird on the left.



5. Draw an arrow pointing left.



6. Draw an arrow pointing right.



Position and Location Adventure - Part A

Name: _____

Score: _____ / 8

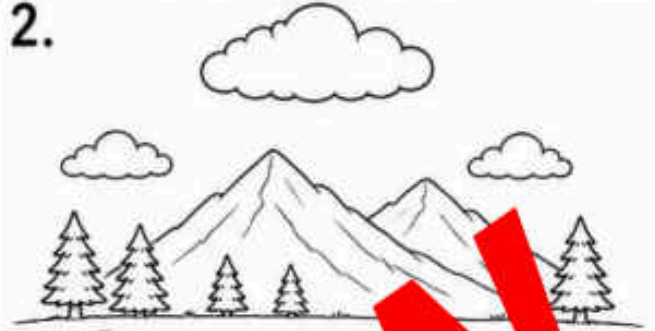
Circle the best position word or phrase.

1.



in / on / under

2.



above / below / behind

3.



next to / between / behind

4.



in front of / behind / inside

5.



near / far / between

6.



inside / outside / on

7.



left / right / between

8.



under / above / next to

Position and Location Adventure - Part A

Name: **ANSWERS**

Score: **8** / 8

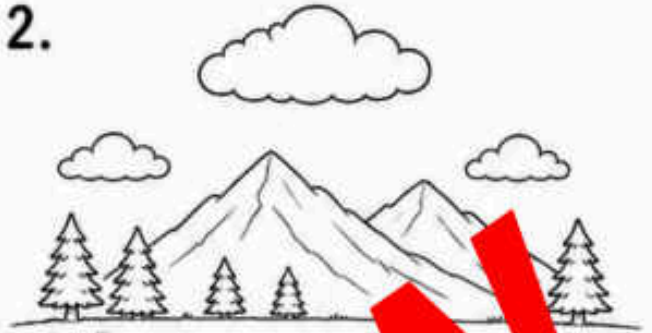
Circle the best position word or phrase.

1.



in / on / under

2.



above / below / beside

3.



next to / **between** / behind

4.



in front of / behind / inside

5.



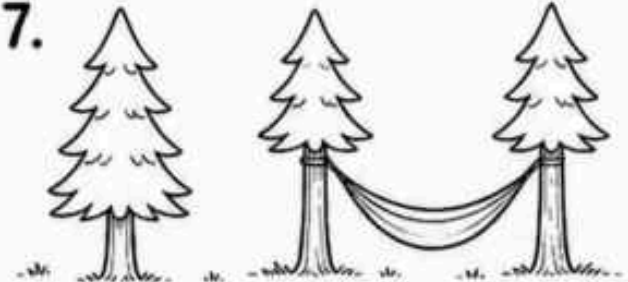
near / **far** / between

6.



inside / **outside** / on

7.



left / right / **between**

8.



under / above / next to

Position and Location Adventure - Part B

Name: _____

Score: ____ / 7

1. Draw a backpack inside the tent.
2. Draw a bird above the tree.
3. Draw a ball beside the log.
4. Draw a sandwich on the picnic rug.
5. Draw a duck in the pond.



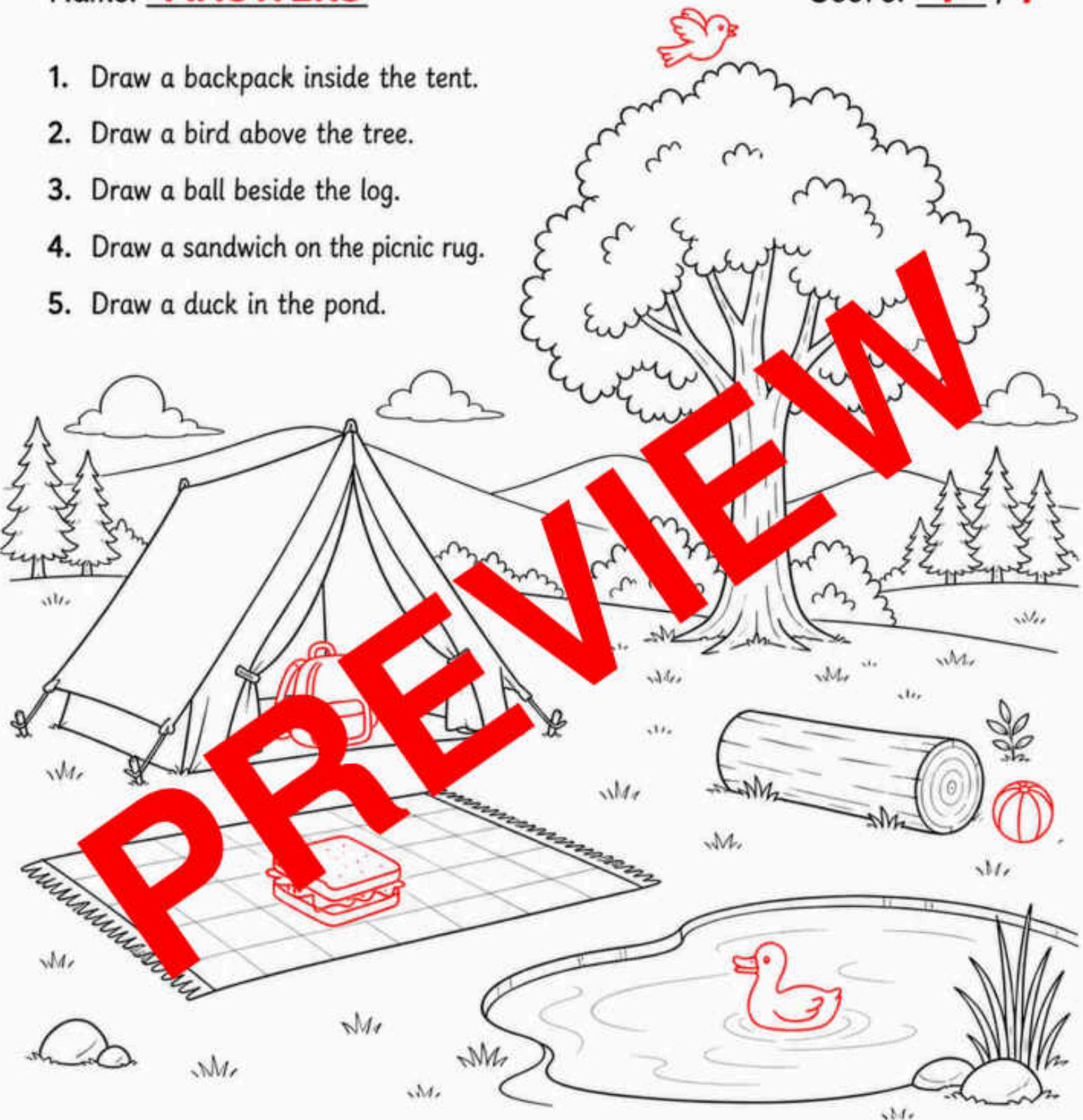
6. Tell or write one direction that moves a friend from the tent to the pond.

Position and Location Adventure - Part B

Name: ANSWERS

Score: 7 / 7

1. Draw a backpack inside the tent.
2. Draw a bird above the tree.
3. Draw a ball beside the log.
4. Draw a sandwich on the picnic rug.
5. Draw a duck in the pond.



6. Tell or write one direction that moves a friend from the tent to the pond.

Walk forward from the tent toward the pond.

Position and Location - Foundation Rubric

Criteria	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Uses position words	Uses a position word with support, e.g. on, in, under.	Uses position words correctly with support, e.g. on, in, under, next to.	Uses position words mostly correctly, e.g. on, under, next to, behind.	Uses a range of position words correctly in simple sentences.	Uses a wide range of position words accurately in different situations.
Describes location using a reference person or object	Describes location with support using me, you or a named object.	Describes location using a reference person or object with some support.	Describes location using a reference person or object independently.	Describes location using a reference person or object in different places.	Describes location using different reference points accurately and in detail.
Follows simple directions	Follows one-step directions with support.	Follows one-step directions with minimal support.	Follows one-step directions independently.	Follows two-step directions accurately.	Follows two-step directions and chooses the correct location.
Gives clear directions	Gives directions with support using simple words.	Gives one-step directions with some support.	Gives one-step directions clearly.	Gives two-step directions clearly and in order.	Gives two-step directions clearly and checks understanding.

Position and Location



We Are Learning

We are learning to describe where people and objects are.

We will use clear position words and a reference object.



Warm-Up: Where Are You?

Stand beside your chair.

Move behind your chair.

Sit in front of your chair.

Find a partner where you are.

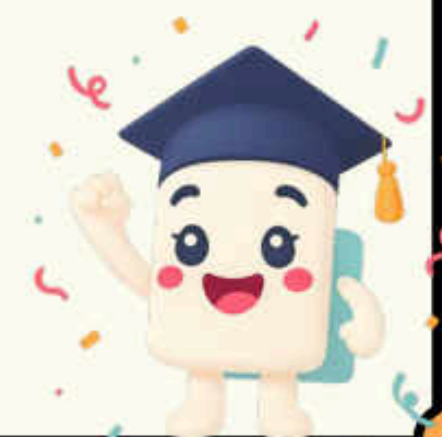


In, On and Under

An object can be in, on or under another object.

Say: "The pencil is in the tub."

Use the same reference object every time.



Above and Below

Above means higher than reference object.

Below means lower than reference object.

Remember to look at something above and below you.



Next To and Beside

Next to and beside both mean close at one side.

Use complete sentence: "The book is beside the bag."



Between

Between means in the middle of two people or objects.
Neither both reference objects in your description.



In Front Of and Behind

In front means before reference object.

Behind means back of it.

The reference object helps the listener.

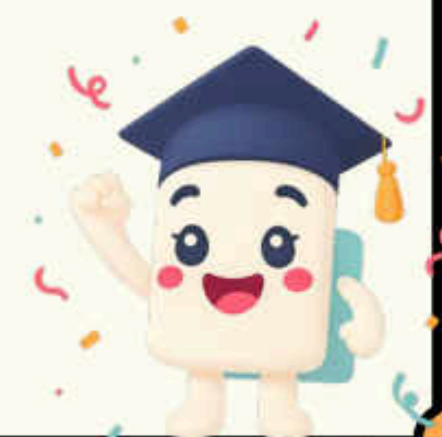


Near and Far

Near means short distance away.

Far means a long distance away.

Distances depend on the chosen reference object.



Inside and Outside

Inside means within a space or boundary.

Outside means beyond it.

Use the space as your reference.



Left and Right

Hold up your left hand to make an L.

Use the letter's left and right when describing a picture.



Choose a Reference Object

A location, description, or size as a starting point.

Compare the object with a person, place or other object.



Describe Our Classroom

Choose a classroom object.
Describe its position using a reference object.
How could a partner find it?

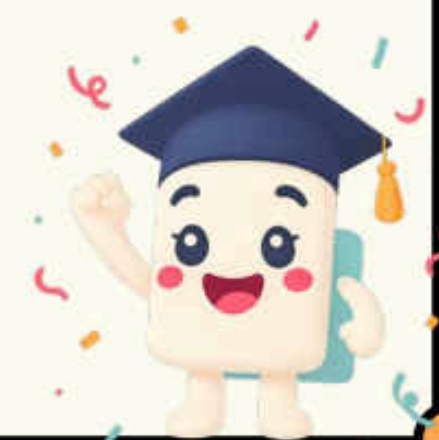


Follow One-Step Directions

Listen for the action and the position word.

Complete one step at a time.

Check your final location.



Follow Two-Step Directions

Hold both steps in your mind.

Complete them in order.

Ask for the direction again if needed.



Move Through Space

Forward moves you ahead.
Turn left or right to change direction.
Use landmarks to keep your place.

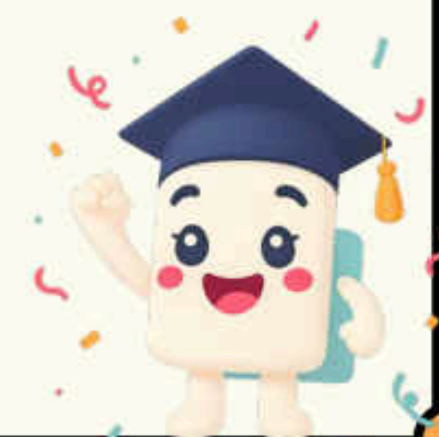


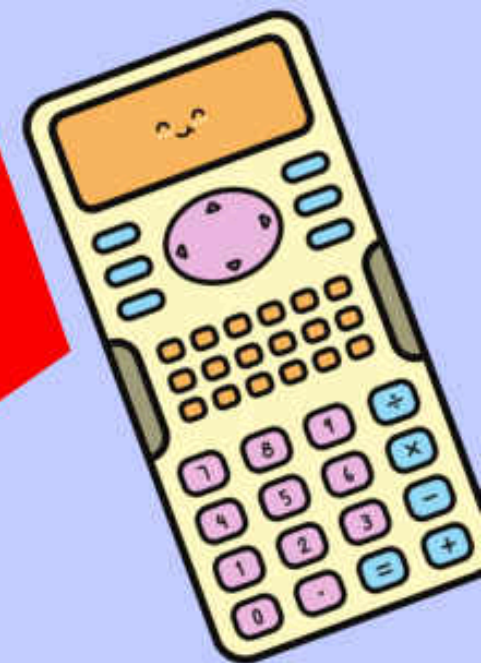
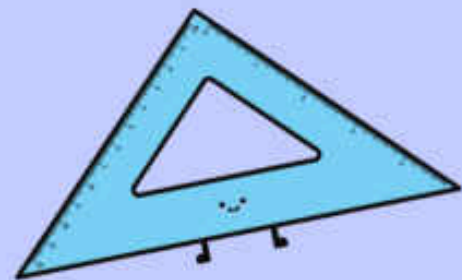
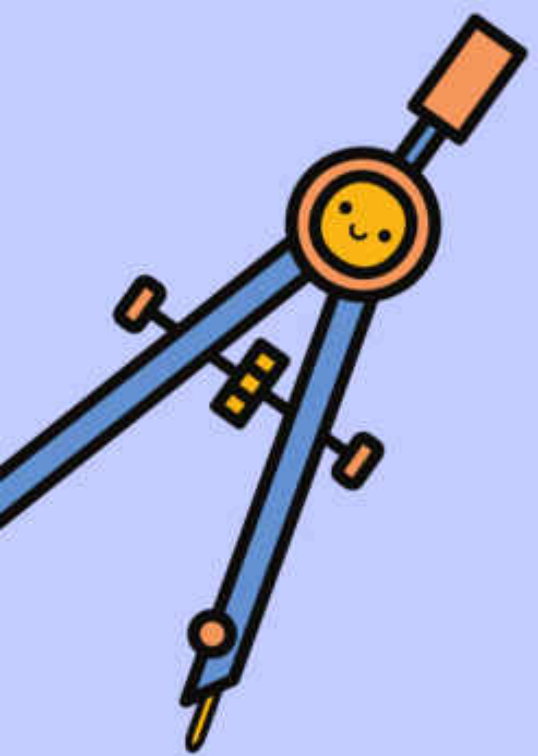
Give a Clear Direction

1. Name the person or object.

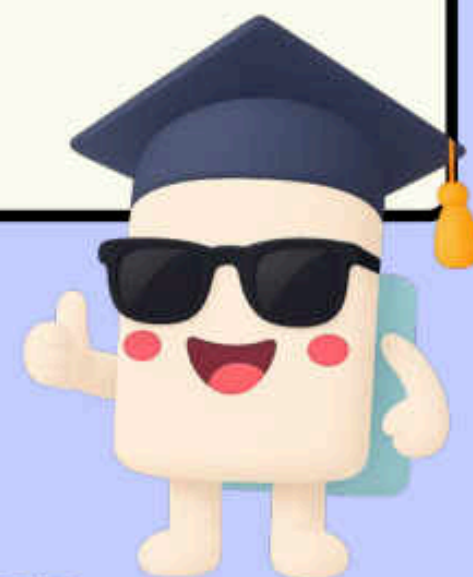
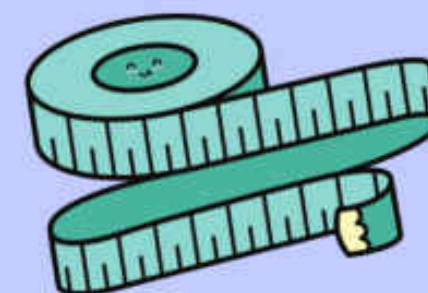
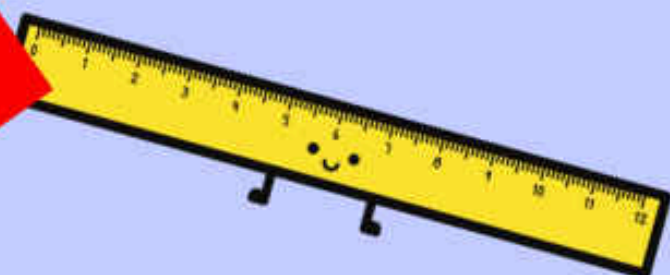
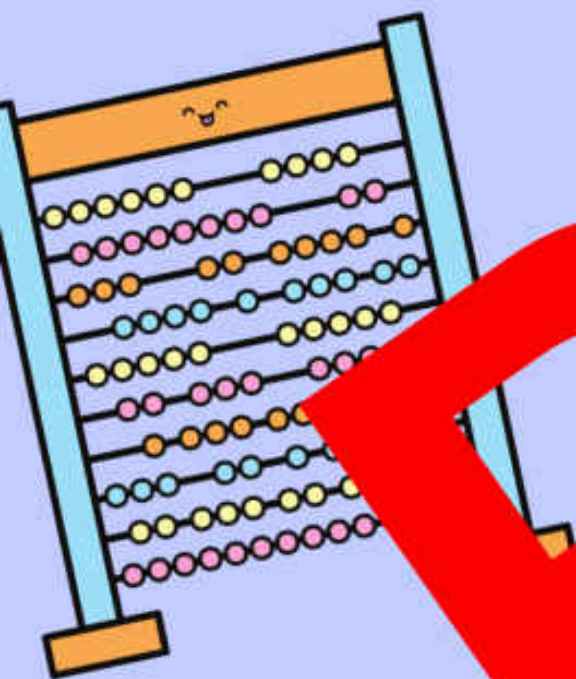
2. Give an exact position and movement word.

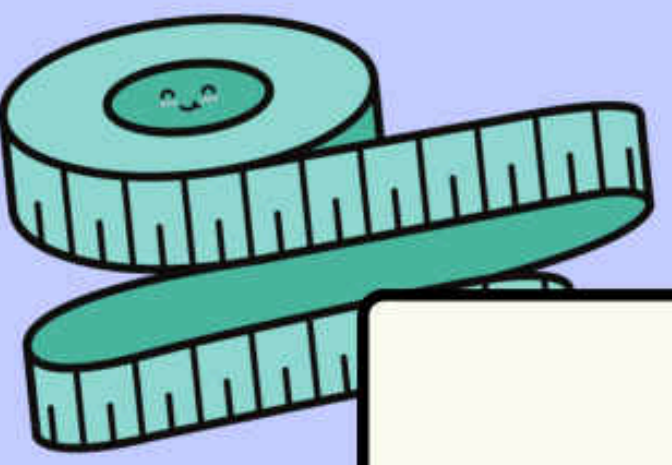
3. Say the steps in the correct order.





Well Done!





Position and Location Quiz

Question 1

A wombat is sitting in a hole in a log.

Which word completes the sentence?

The wombat is _____ the log.

A. under B. above C. far D. beside



Answer 1

The I is the referent object.



Question 2

Which preposition means "to the side and close"?
A. between B. next to C. near D. behind



Answer 2

B. Not to
Beside has the same meaning here.



Question 3

A bird is higher than a tree. Which word fits?
A. above B. under C. inside D. below



Answer 3

Answer
The term is the reference object.



Question 4

A bag is in the middle of two boxes.
behind B. between C. inside D. next to



Answer 4

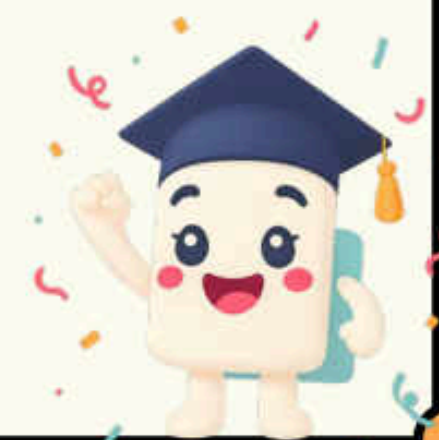
B. ...
the teddy in the middle of both boxes.



Question 5

True or false

“Behind” means at the back of reference object.



Answer 5

behind describes a position at the back.



Question 6

True or false

“Far” means a short distance from a reference object.



Answer 6

Far means a long distance away.



Question 7

True or false

A coposition sentence has a reference object.



Answer 7

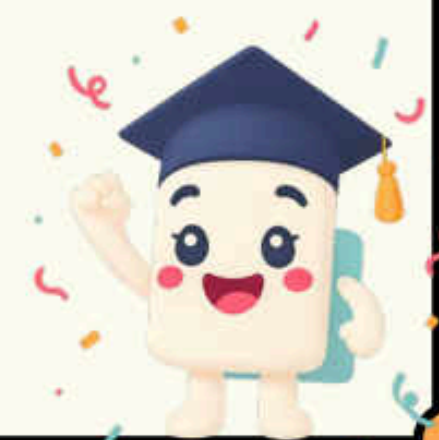
The reference object tells the list what to compare with.



Question 8

Complete the sentence.

The backpack is _____ the table.



Answer 8

suitable cover "under".
Use the table as the reference object.



Question 9

...one direction ... "turn left".



Answer 9

Example: Walk forward, then turn left at the chair.
Other clear directions may also be correct.



Question 10

Describe where an object in your classroom is.

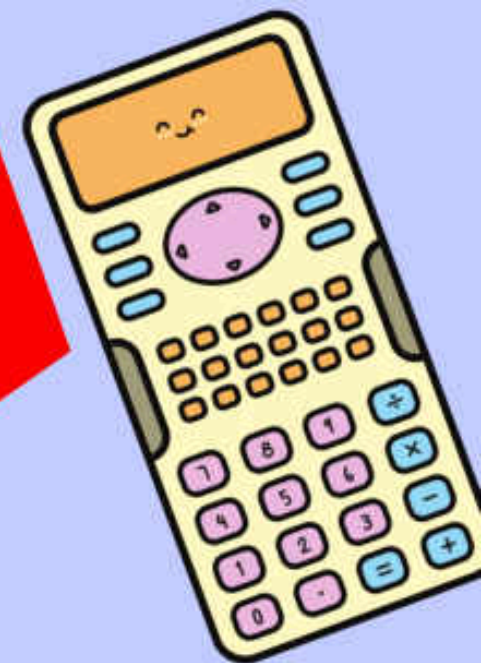
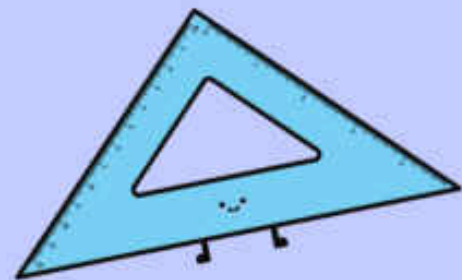
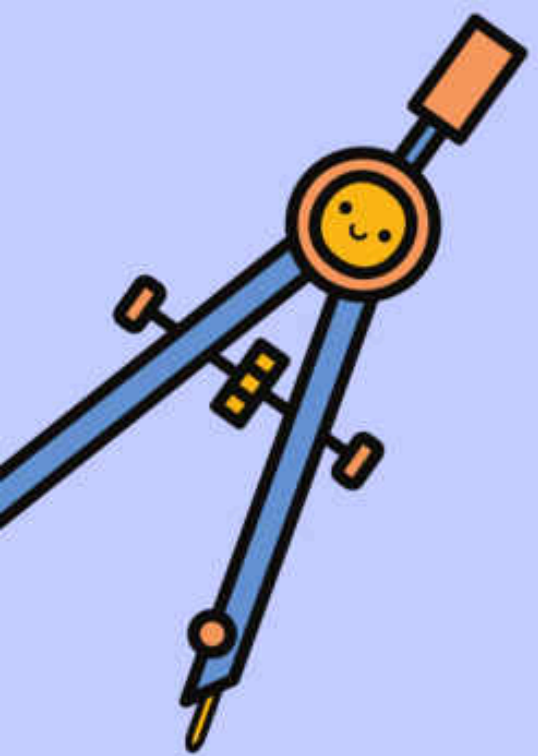


Answer 10

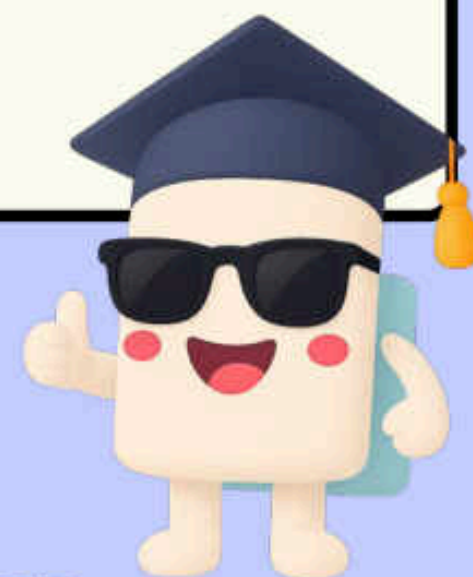
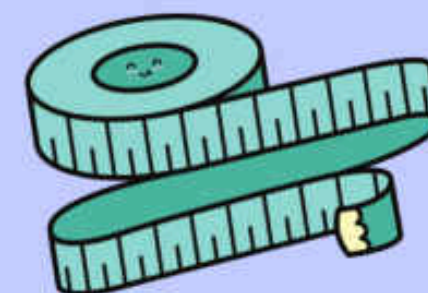
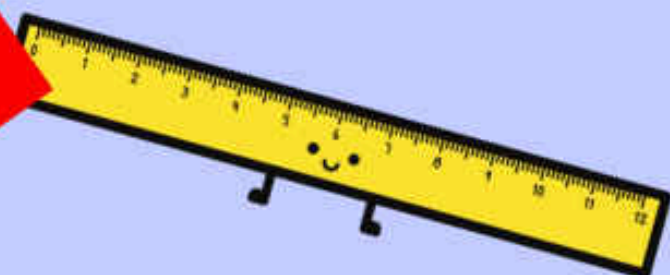
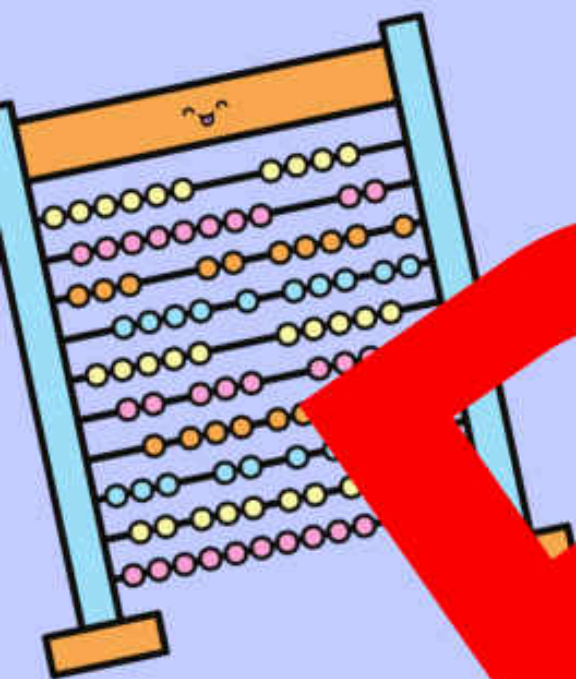
Example: The pencil is on the whiteboard.

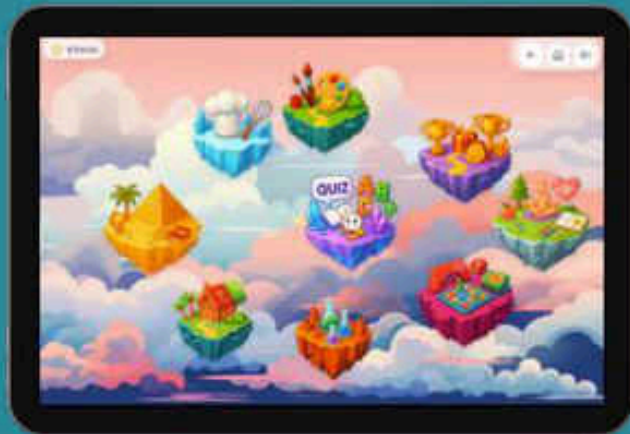
The answer must include a position word and reference object.





Well Done!





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Features of 2D Shapes - Foundation

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Game 2: Shape Bingo	
Worksheet 1: Trace, Draw and Describe	
Worksheet 2: Find and Sort Shapes	
Worksheet 3: Shapes Around Us	
Worksheet 4: Count and Graph Shapes	
Worksheet 5: Create a Shape Picture	
Quiz: Features of 2D Shapes	
Assessment: Shape Detective	
Rubric: Features of 2D Shapes	

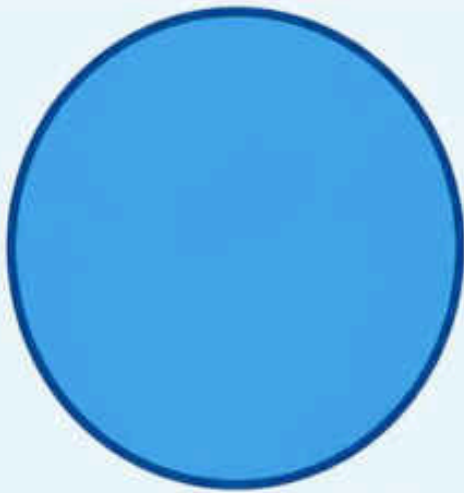




2D SHAPE FEATURES



CIRCLE



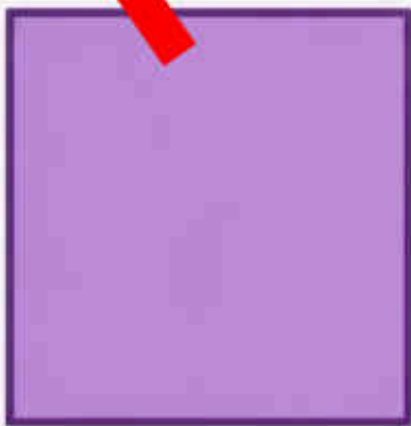
- 1 curved side
- 0 corners

TRIANGLE



- 3 straight sides
- 3 corners

SQUARE



- 4 equal straight sides
- 4 corners

RECTANGLE

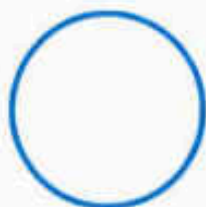


- 4 straight sides
- 4 corners

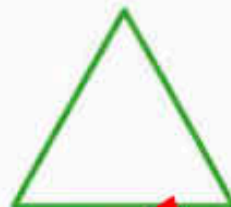
SORT THE SHAPES

Place each card on its matching mat.

CIRCLE



TRIANGLE



SQUARE



RECTANGLE



PREVIEW

SHAPE SORT CARDS



PREVIEW

SHAPE BUILDER CHALLENGES



MAKE A CIRCLE



MAKE A TRIANGLE



MAKE A SQUARE



MAKE A RECTANGLE



**MAKE A SHAPE
WITH 3 SIDES**



**MAKE A SHAPE
WITH 4 CORNERS**



**MAKE A SHAPE
WITH A CURVED SIDE**



**MAKE TWO
DIFFERENT SHAPES**

SHAPE HUNT

Name the shape you land on. Say how you know.

1

START

2



3



4



5



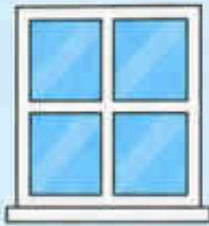
6



10



9



8



7



11



12



13



14



15



16



17



18



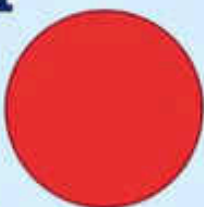
19



20



21



22



23



24

FINISH

SHAPE HUNT CARDS

FIND A
CIRCLE



FIND A
TRIANGLE



FIND A
SQUARE



FIND A
RECTANGLE



FIND A SHAPE
WITH 3 SIDES



FIND A SHAPE
WITH 4 CORNERS



FIND A SHAPE
WITH A
CURVED SIDE



FIND TWO
MATCHING
SHAPES



FIND A SHAPE
THAT HAS
TURNED



FIND A SHAPE
IN THE ROOM



MAKE A SHAPE
WITH YOUR
HANDS

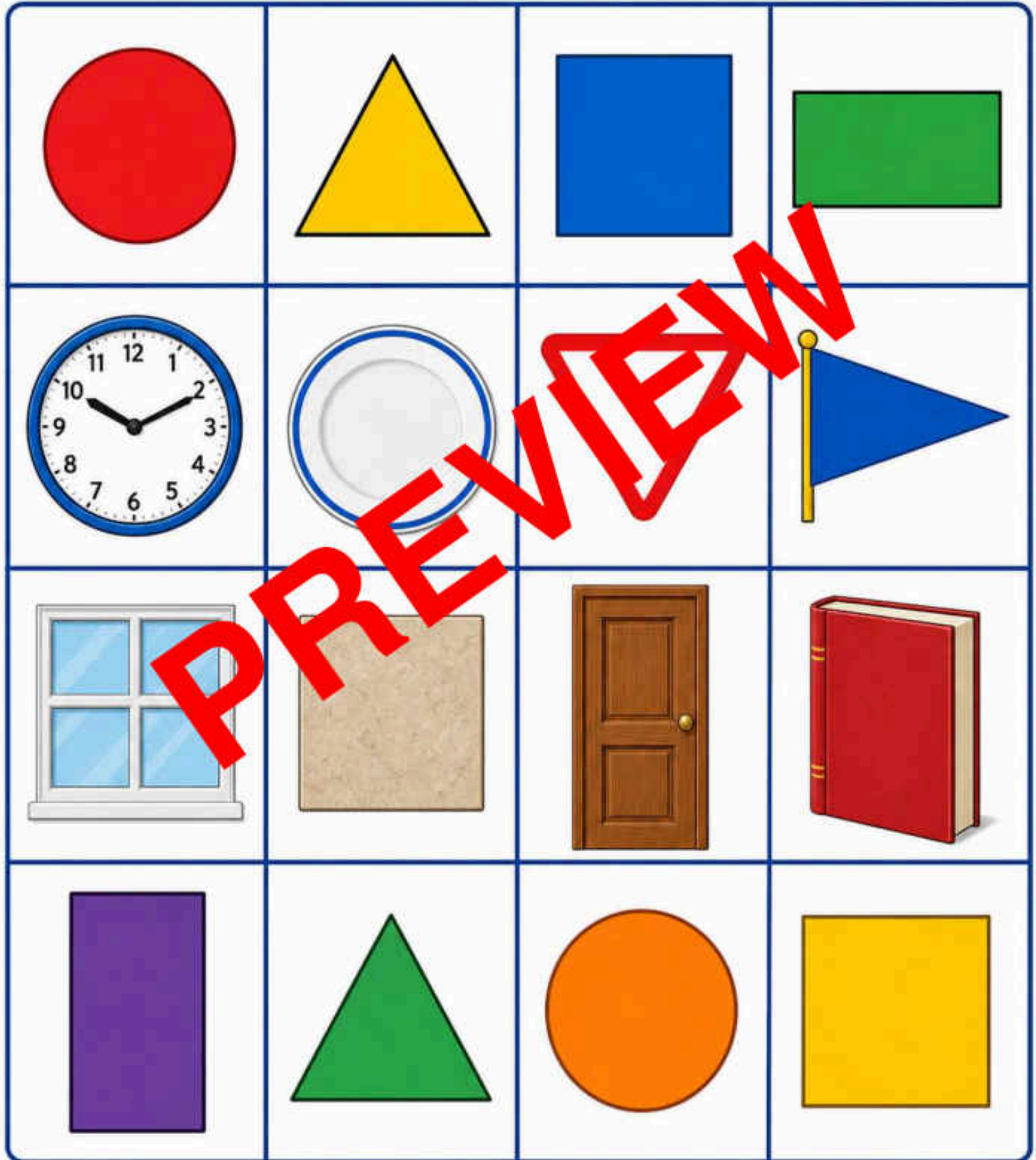


EXPLAIN
YOUR CHOICE



SHAPE BINGO

Cover a picture when its clue is called.



SHAPE BINGO CALL CARDS

CIRCLE



TRIANGLE



SQUARE



RECTANGLE



**1 CURVED
SIDE**



**3 STRAIGHT
SIDES**



**4 EQUAL
SIDES**



4 CORNERS



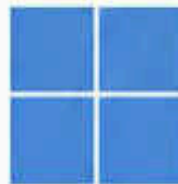
**ROUND LIKE
A CLOCK**



**SHAPED LIKE
A FLAG**



**SHAPED LIKE
A TILE**



**SHAPED LIKE
A DOOR**



CIRCLE



TRIANGLE



SQUARE



RECTANGLE



TRACE, DRAW AND DESCRIBE

Name: _____

Trace each shape. Draw it again. Then count.

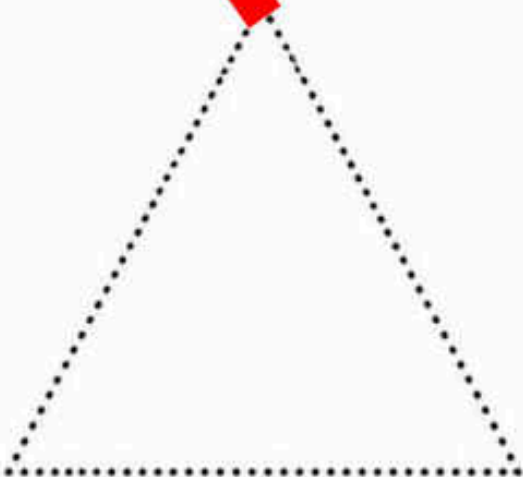
CIRCLE



sides: _____

corners: _____

TRIANGLE



sides: _____

corners: _____

TRACE, DRAW AND DESCRIBE

Name: _____

Trace each shape. Draw it again. Then count.

SQUARE



sides: _____ corners: _____

RECTANGLE



sides: _____ corners: _____

TRACE, DRAW AND DESCRIBE

Name: _____ **ANSWERS**

Trace each shape. Draw it again. Then count.

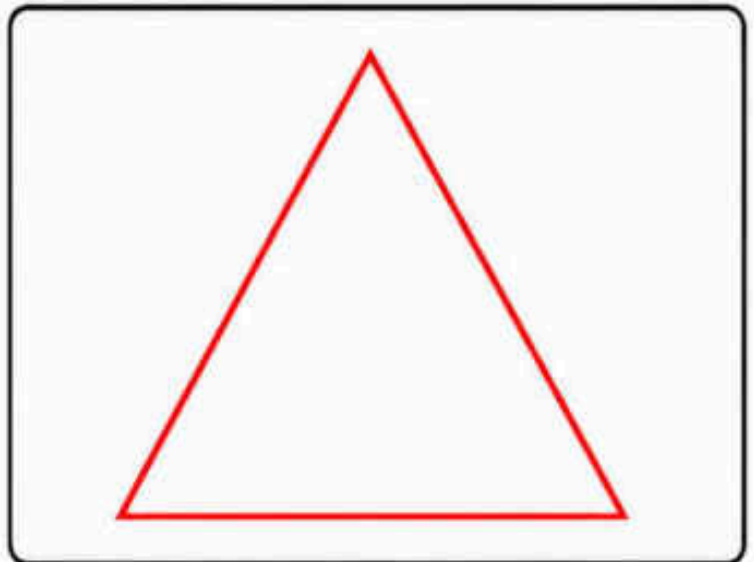
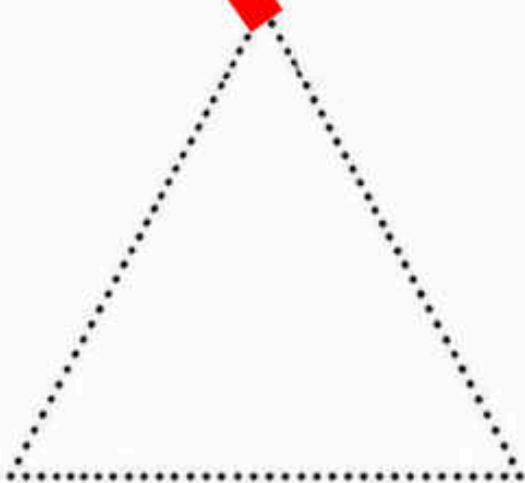
CIRCLE



sides: 1

corners: 0

TRIANGLE



sides: 3

corners: 3

TRACE, DRAW AND DESCRIBE

Name: ANSWERS

Trace each shape. Draw it again. Then count.

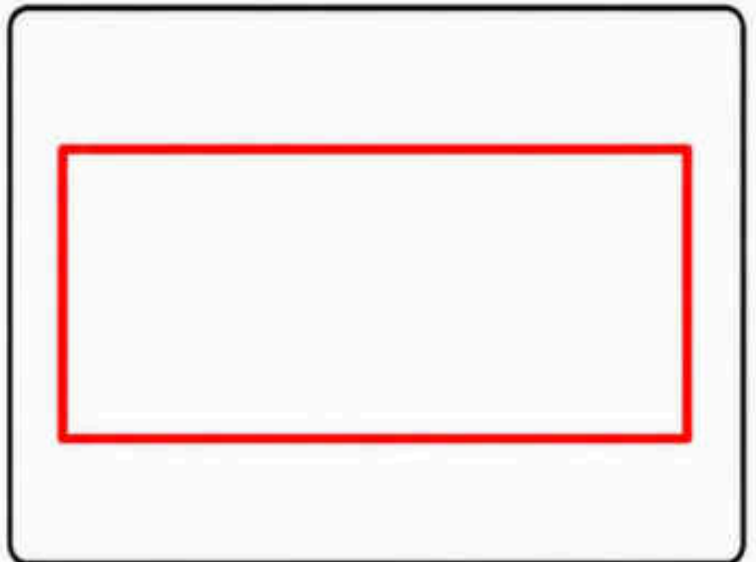
SQUARE



sides: 4

corners: 4

RECTANGLE



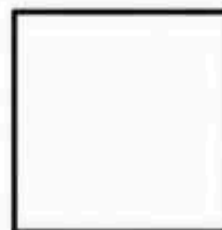
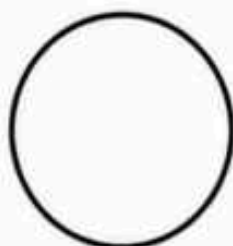
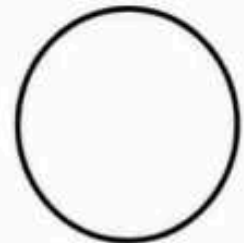
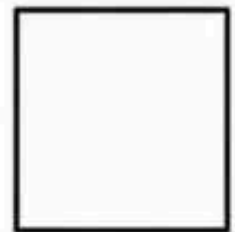
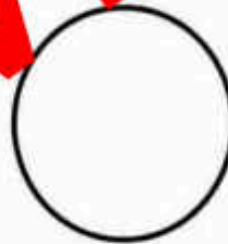
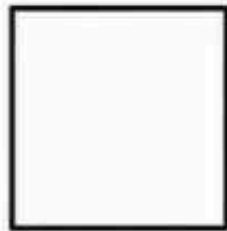
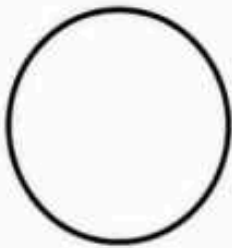
sides: 4

corners: 4

FIND AND SORT SHAPES

Name: _____

1. Circle the triangles.
2. Put a dot inside each square.
3. Cross out the circles.
4. Underline the rectangles.

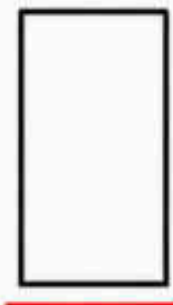
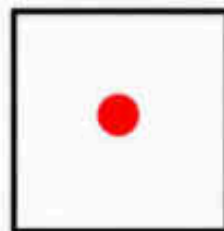
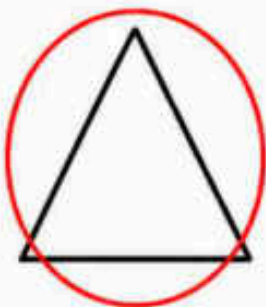
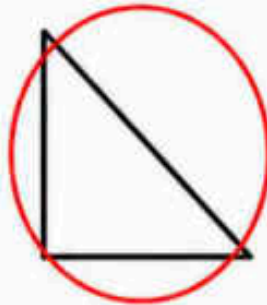
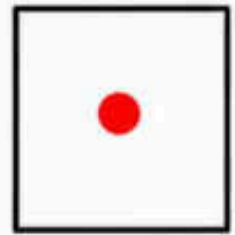
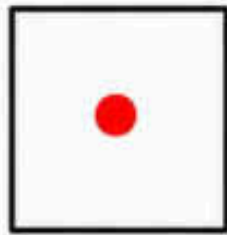


PREVIEW

FIND AND SORT SHAPES

Name: ANSWERS

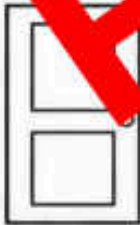
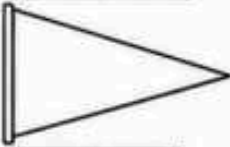
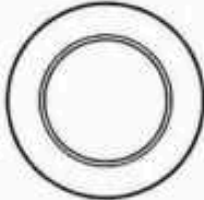
1. Circle the triangles.
2. Put a dot inside each square.
3. Cross out the circles.
4. Underline the rectangles.



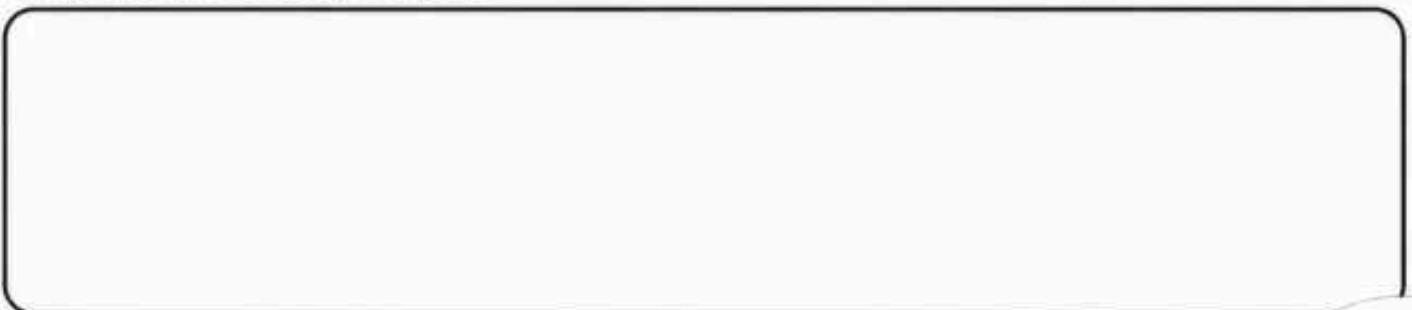
SHAPES AROUND US

Name: _____

Draw a line from each object to its shape.



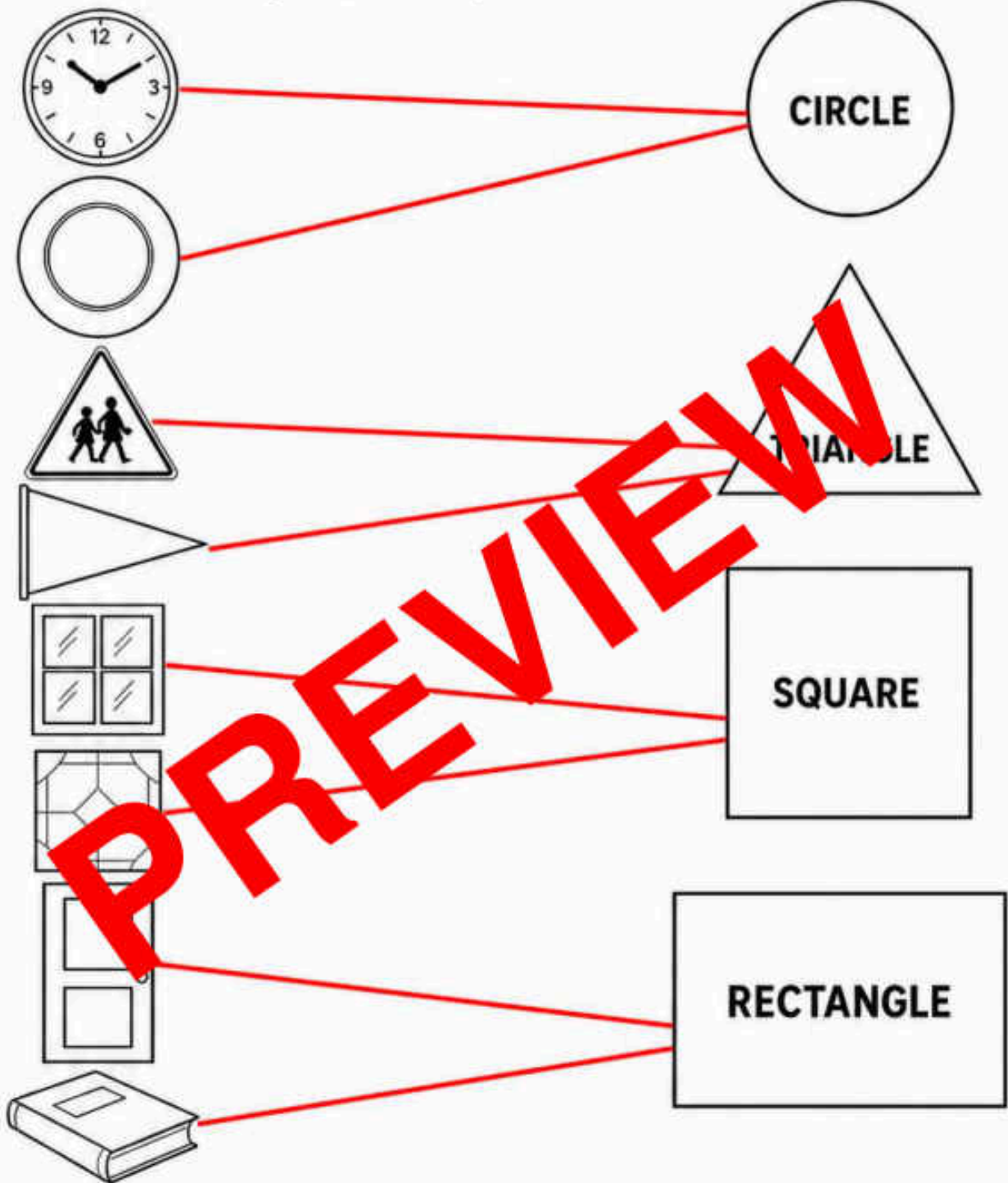
Draw one more shape object.



SHAPES AROUND US

Name: ANSWERS

Draw a line from each object to its shape.



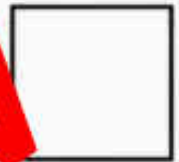
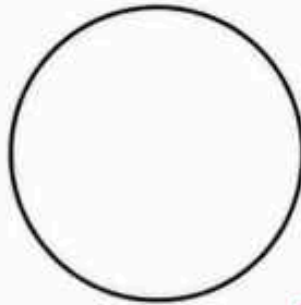
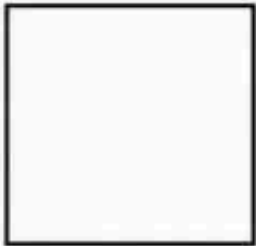
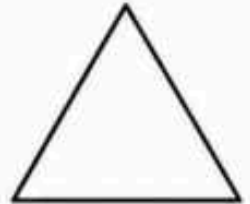
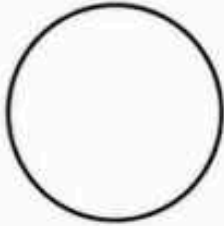
Draw one more shape object.



COUNT AND GRAPH SHAPES

Name: _____

Count each shape. Write the number. Shade one box for each shape.



CIRCLE

count: ____

--	--	--	--	--

TRIANGLE

count: ____

--	--	--	--	--

SQUARE

count: ____

--	--	--	--	--

RECTANGLE

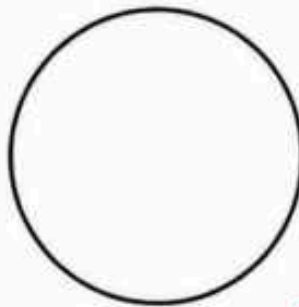
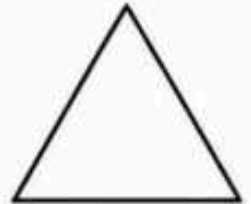
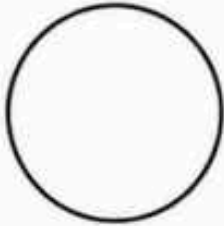
count: ____

--	--	--	--	--

COUNT AND GRAPH SHAPES

Name: ANSWERS

Count each shape. Write the number. Shade one box for each shape.



CIRCLE

count: 3



TRIANGLE

count: 2



SQUARE

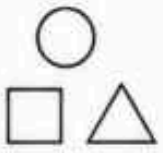
count: 4



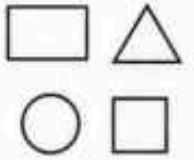
RECTANGLE

count: 3





CREATE A SHAPE PICTURE



Name: _____

Use at least 2 circles, 2 triangles, 2 squares and 2 rectangles to make a picture.

PREVIEW



2 circles



2 triangles



2 squares



2 rectangles

My picture is a _____.

SHAPE DETECTIVE ASSESSMENT

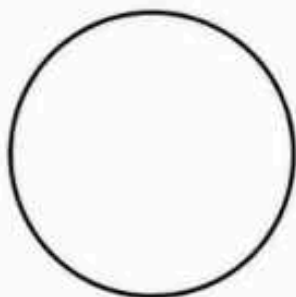
PAGE 1

Name: _____

SECTION A

Write the shape name.

1.



2.



3.

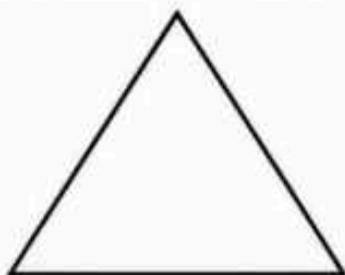


4.



SECTION B

Count the sides and corners.



sides: ____

corners: ____



sides: ____

corners: ____

SHAPE DETECTIVE ASSESSMENT

PAGE 2

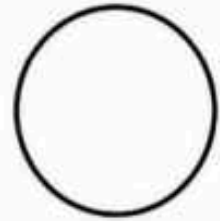
Name: _____

SECTION C

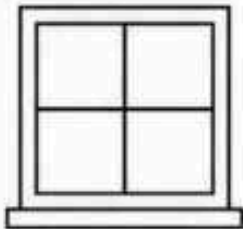
Match each object to its shape.



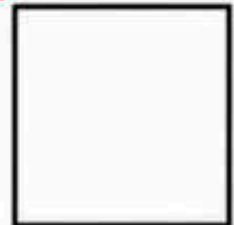
CIRCLE



TRIANGLE



SQUARE



RECTANGLE



SECTION D

Draw a shape with 3 sides.



Draw a shape with a curved side.



I know my shape is a _____ because _____.

SHAPE DETECTIVE ASSESSMENT

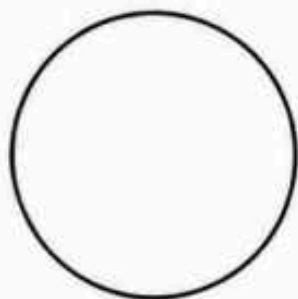
PAGE 1

Name: ANSWERS

SECTION A

Write the shape name.

1.



circle

2.



triangle

3.



square

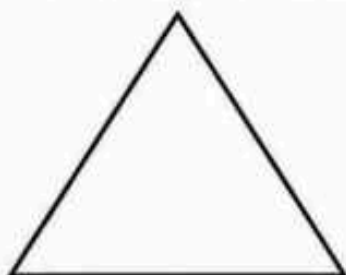
4.



rectangle

SECTION B

Count the sides and corners.



sides: 3

corners: 3



sides: 4

corners: 4

SHAPE DETECTIVE ASSESSMENT

PAGE 2

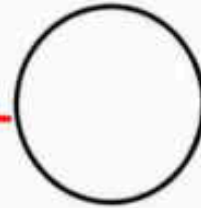
Name: ANSWERS

SECTION C

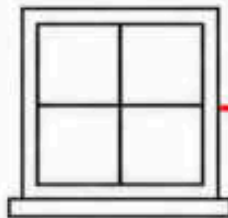
Match each object to its shape.



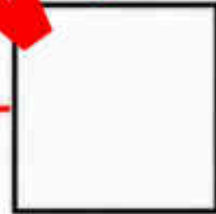
CIRCLE



TRIANGLE



SQUARE

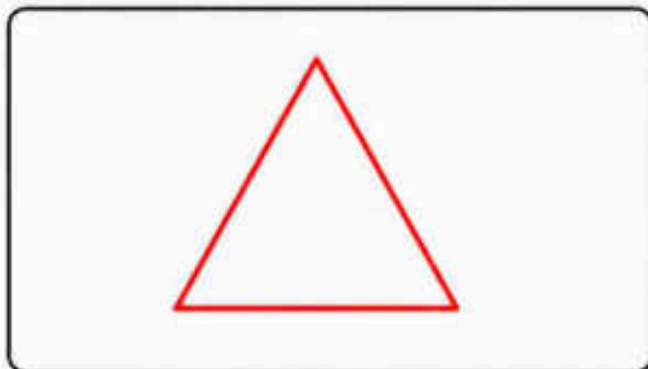


RECTANGLE

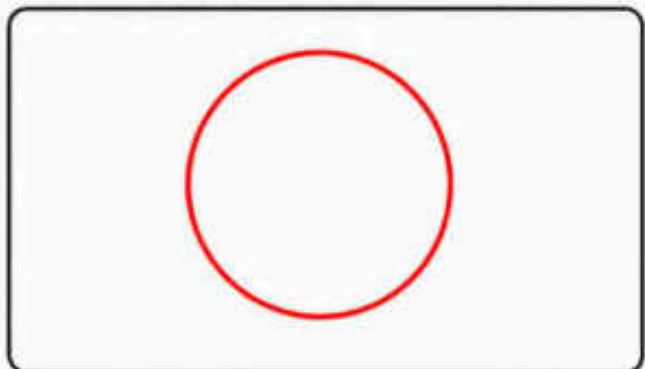


SECTION D

Draw a shape with 3 sides.



Draw a shape with a curved side.

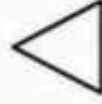
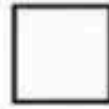


I know my shape is a triangle because it has 3 straight sides.



FEATURES OF 2D SHAPES FOUNDATION RUBRIC

CRITERIA	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Names familiar shapes	Needs support	Names 1 shape	Names 2-3 shapes	Names 4 shapes	Names and compares 4 shapes
Describes sides and corners	Not yet	Counts with help	Counts most features	Counts features accurately	Explains features clearly
Sorts and matches shapes	Needs support	Sorts one way	Sorts most shapes	Sorts and explains	Sorts in two ways
Creates shapes and explains choices	Not yet	Copies a shape	Creates with help	Creates and explains	Creates and justifies



Features of 2D Shapes

PREVIEW

Learning Goal

We are learning to name familiar 2D shapes and describe their features.



What Is a 2D Shape?

A 2D shape is flat.
It has length and width.
We can draw it on paper.



Shape Words

side — an edge of a shape

straight — does not bend

curve — bends smoothly

corner — where sides meet

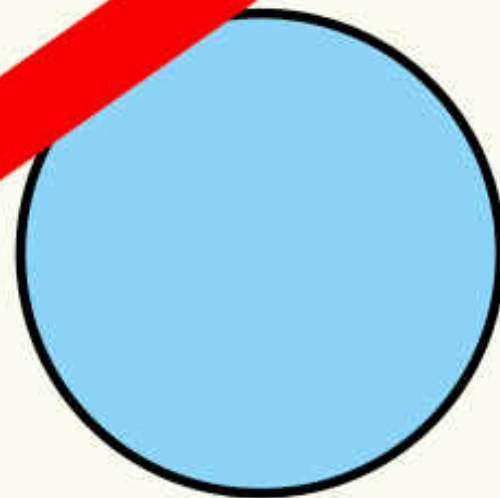


Circle

1 curved side

0 corners

Look for clocks and plates.

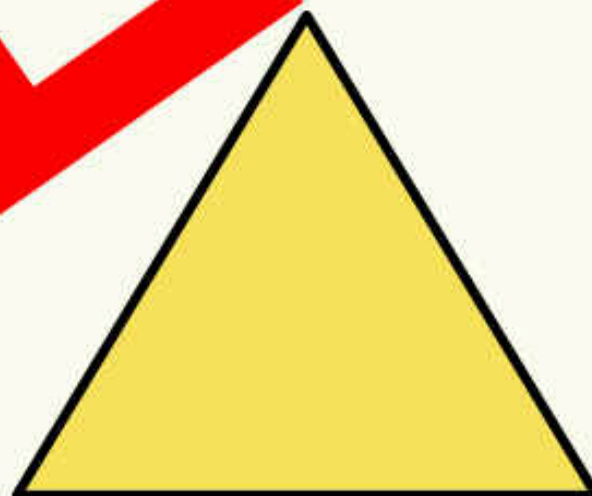


Triangle

3 straight sides

3 corners

Look for variants and triangle signs.

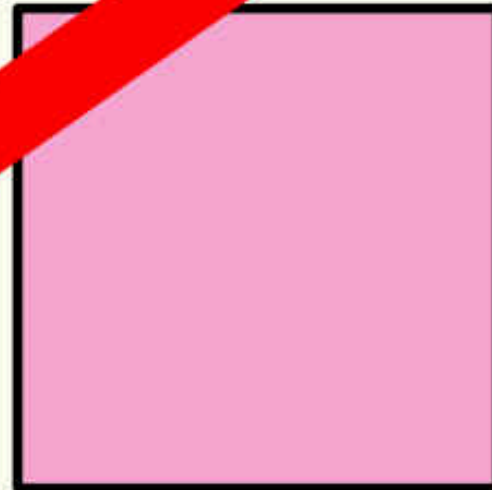


Square

4 equal straight sides

4 corners

Look for tiles and square windows.



Rectangle

4 straight sides

4 corners

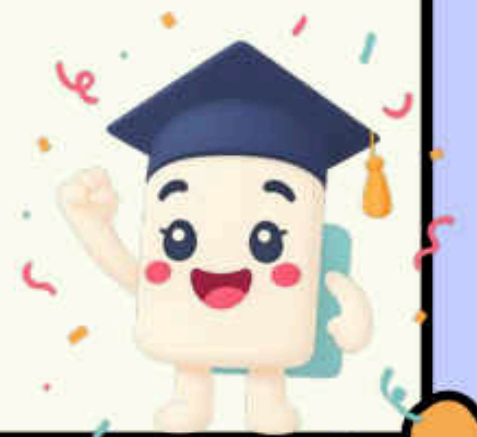
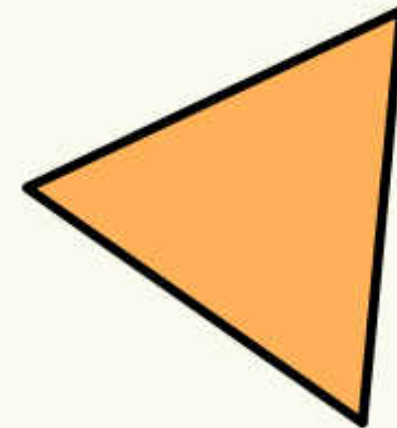
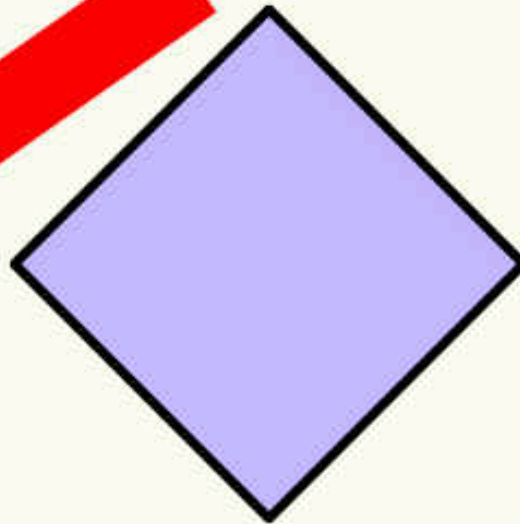
Look for doors and books.



Shapes Can Turn

A shape can turn and still

It is still the same shape because its features stay the same.

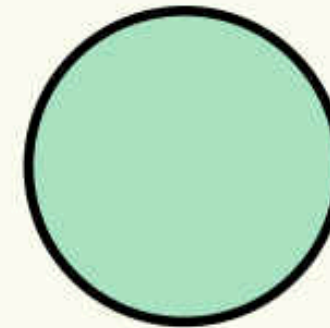
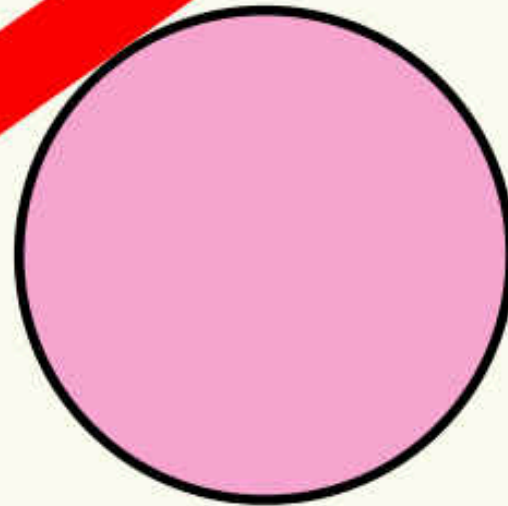


Size and Colour

A shape can be big or small.

It can be any colour.

Its features still tell us its name.

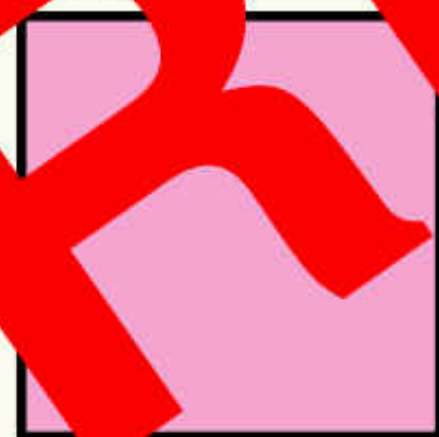


Square or Rectangle?

Both have 4 straight sides and 4 corners.

A square has 4 equal sides.

A rectangle has two long sides and two short sides.



Sort by Line Type

Curved side: circle

Straight side: triangle, square and rectangle

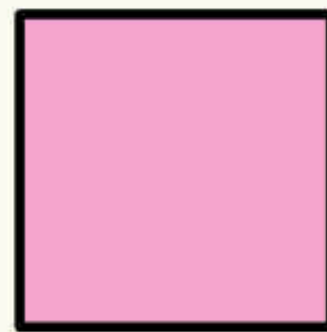
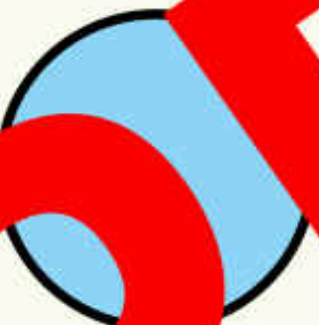


Sort by Corners

0 corners: circle

3 corners: triangle

4 corners: square and rectangle



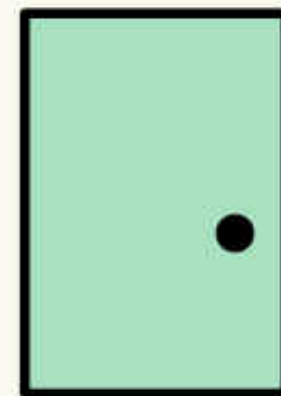
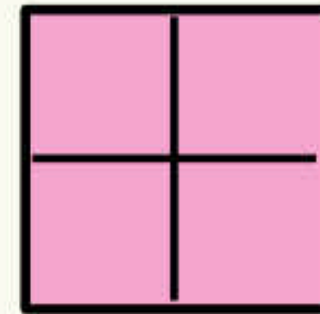
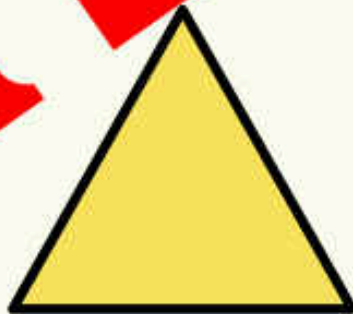
Everyday Shape Detectives

clock → circle

road sign → triangle

window → square

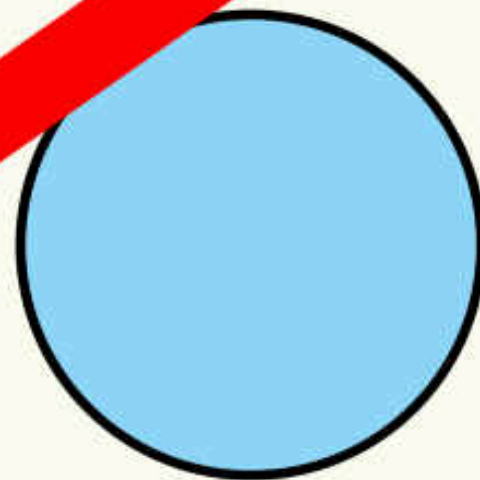
door → rectangle



Make a Circle

Use string or your finger

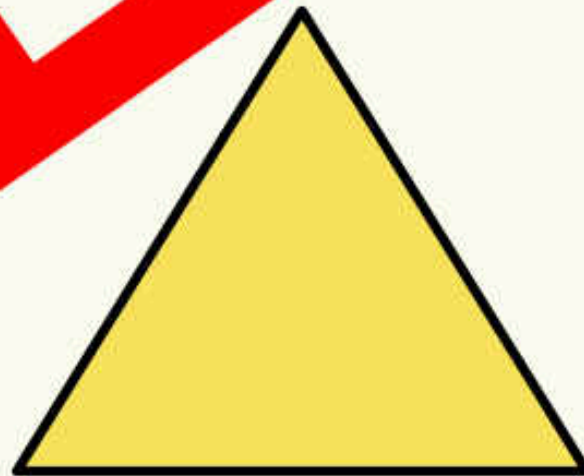
Make one smooth curved stroke that joins back to the start.



Make a Triangle

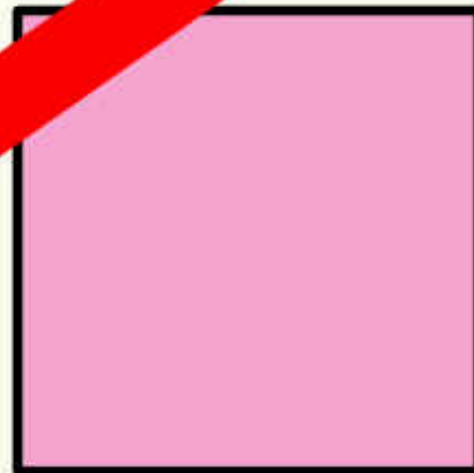
Use 3 straight sticks.

Join them to make 3 corners.



Make a Square

Use 4 equal straight sticks.
Join them to make 4 corners.



Make a Rectangle

Use 2 long and 2 short sticks.

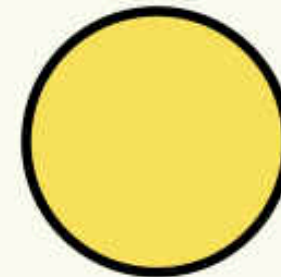
Join them to make 4 corners.



Create a Shape Picture

Combine circles, triangles, squares and rectangles.

Name the shapes you used.

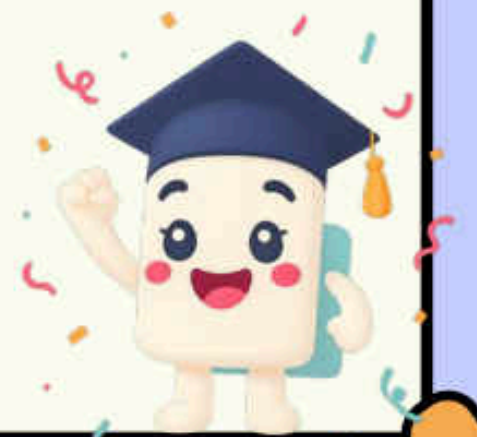
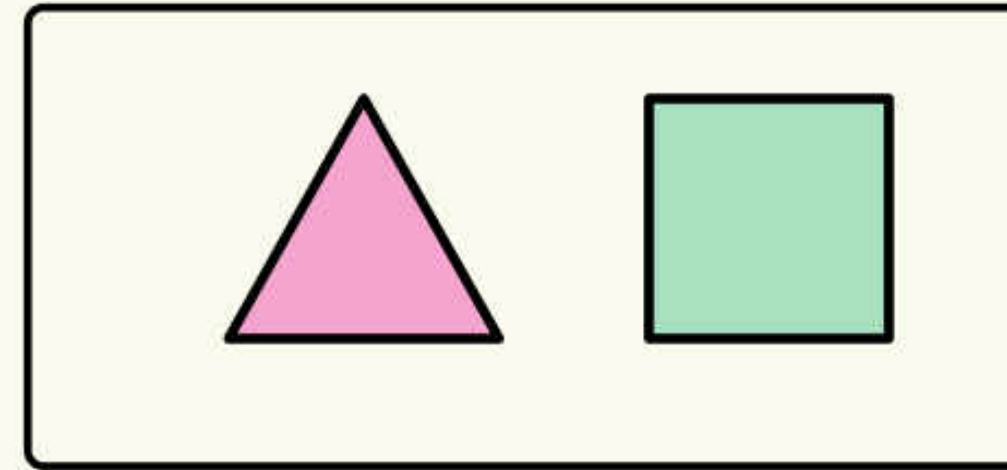
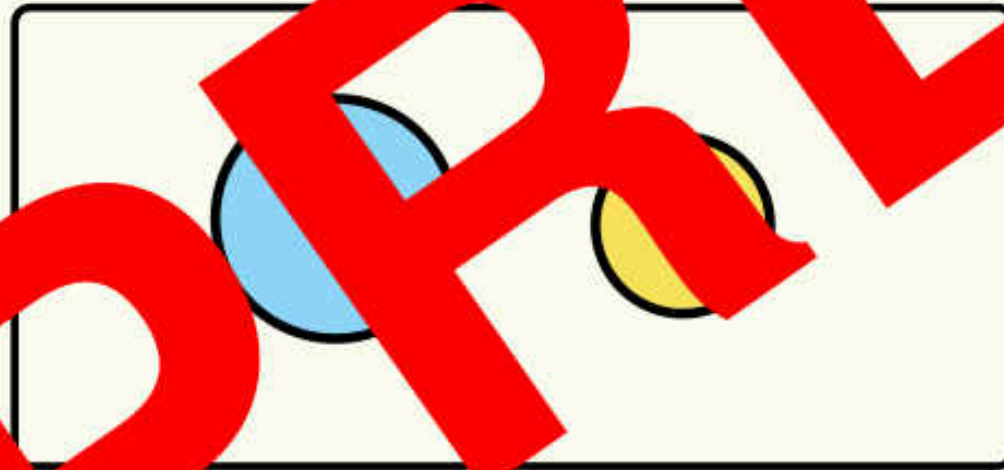


Explain Your Sort

Try these sentence stems

“I put these together because...”

“I know this is a... because...”



Quick Check 1

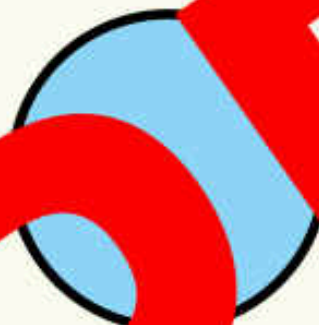
Which shape has straight sides?

A circle

B triangle

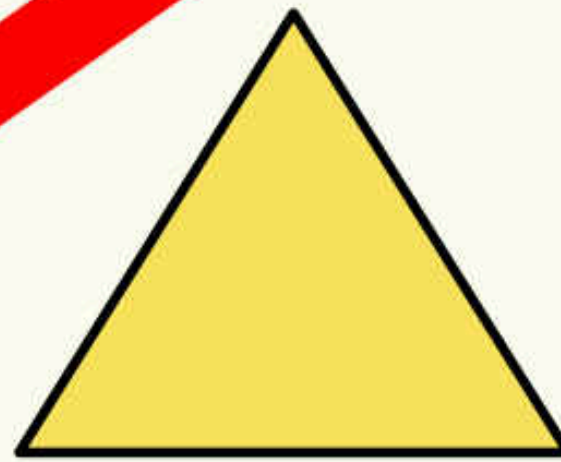
C square

D rectangle



Answer: Triangle

A triangle has 3 straight sides and 3 corners.

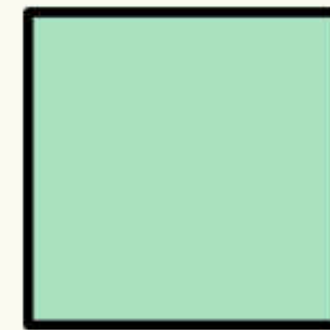
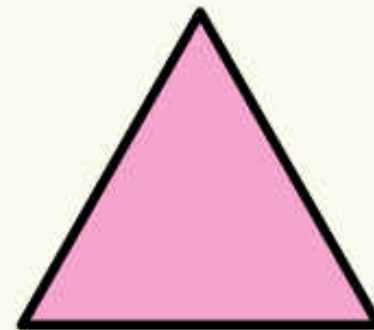


Quick Check 2

Which shape has a curved side and no corners?

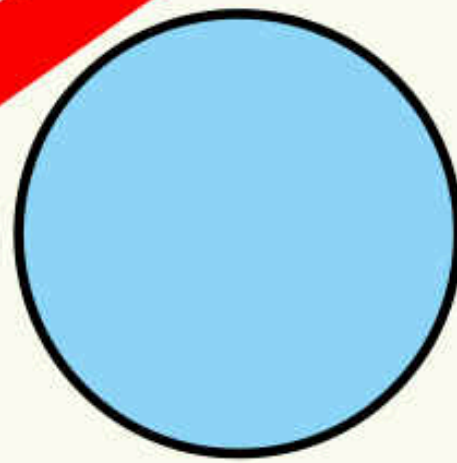
A rectangle B circle

C triangle D square



Answer: Circle

A circle has 1 curved side and 0 corners.

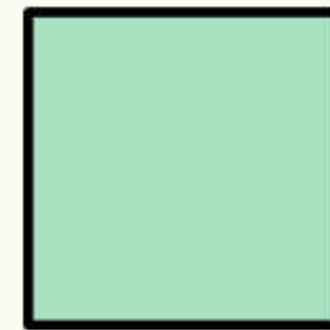
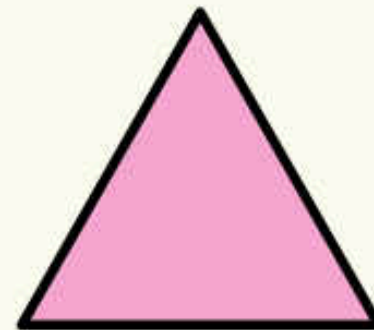


Quick Check 3

A classroom door is most like which shape?

A rectangle B circle

C triangle D square

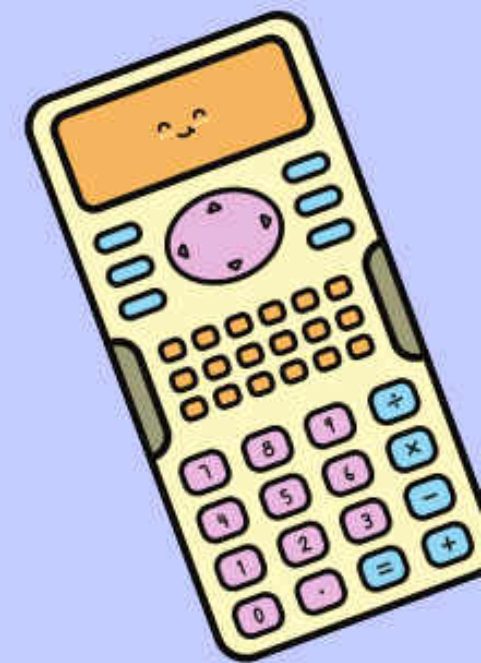
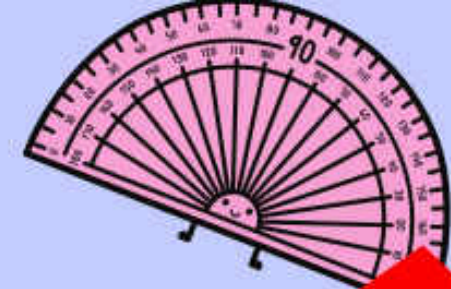
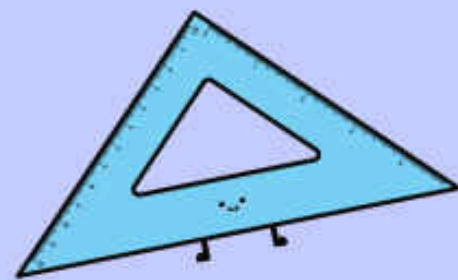
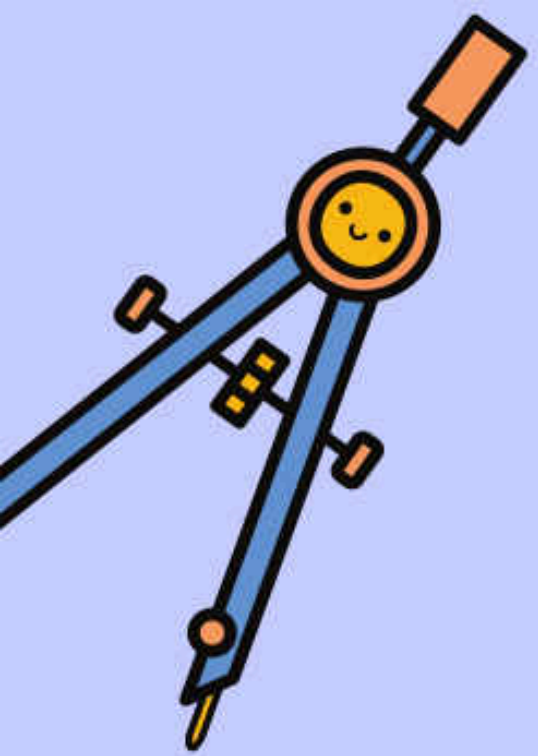


Answer: Rectangle

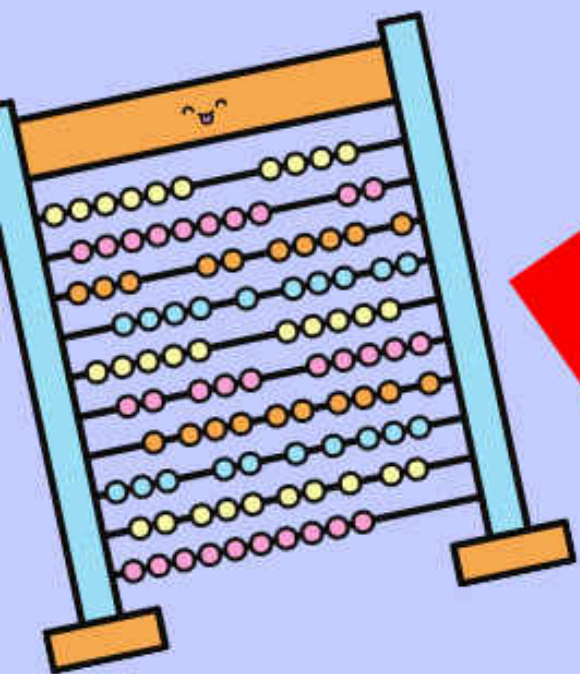
A door is usually rectangular.

Use sides, corners and line type to explain every shape choice.

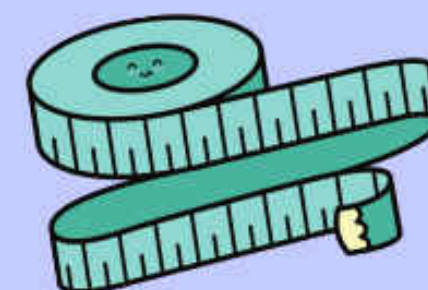
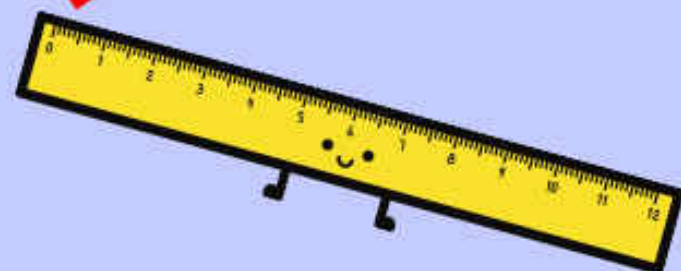




Well Done!



PREVIEW



2D Shapes Quiz

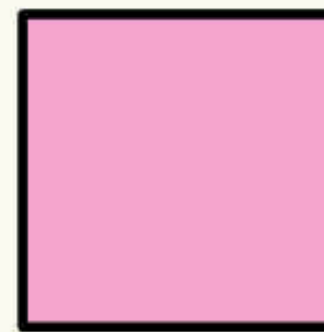


Question 1

Which shape has 1 curved side and 0 corners?

A triangle B circle

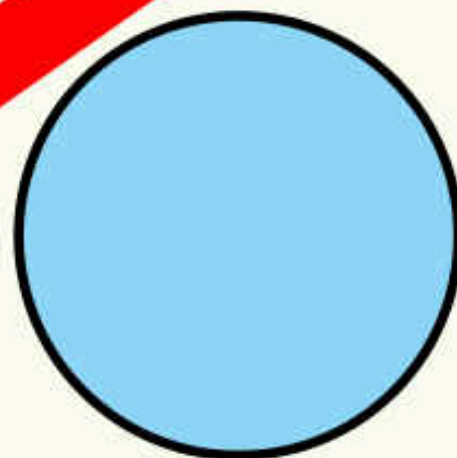
C square D rectangle



Answer!

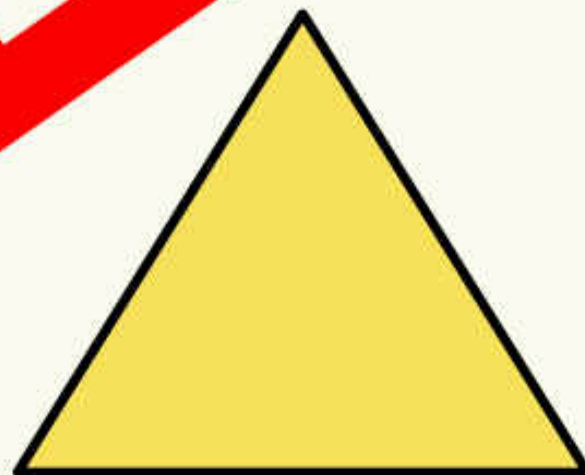
Circle 2

A circle has 1 curved side and 0 corners.



Question 2

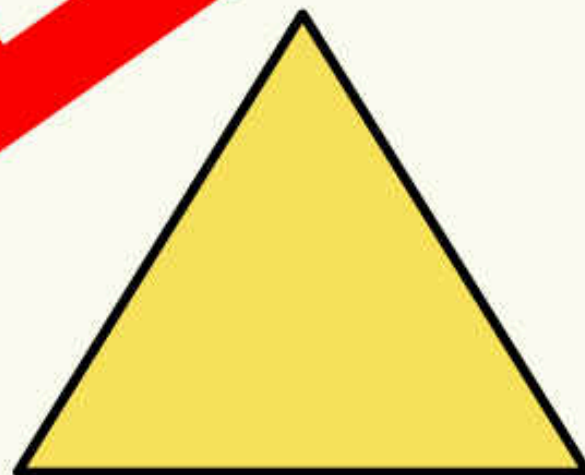
Write the name of a shape with straight sides and 3 corners.



Answer 2

Triangle

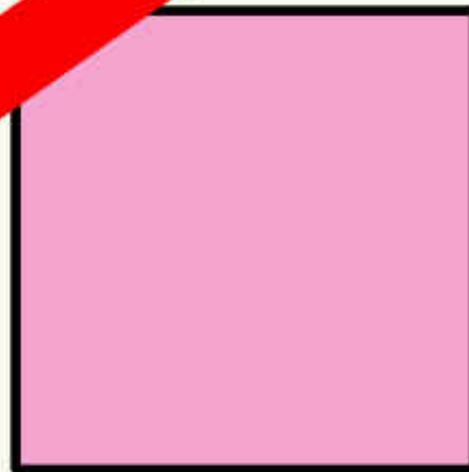
A triangle has 3 straight sides and 3 corners.



Question 3

True or false

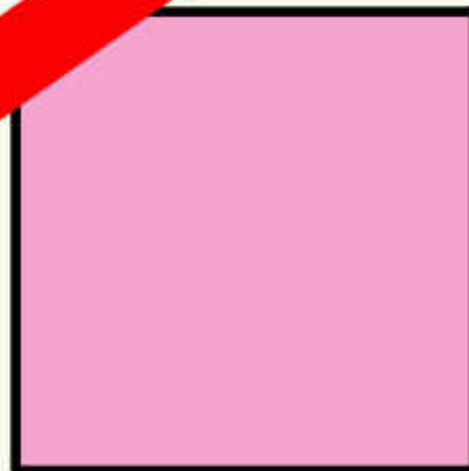
A square has 4 equal straight sides.



Answer 3

True

A square has 4 equal straight sides and 4 corners.

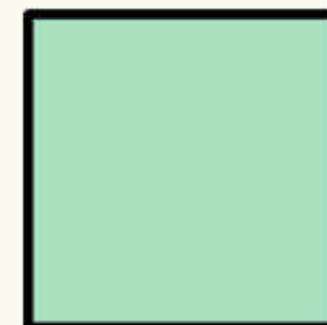


Question 14

Which shape is not a circle?

A circle B triangle

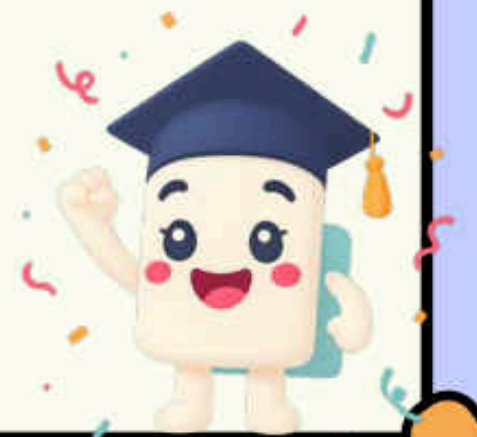
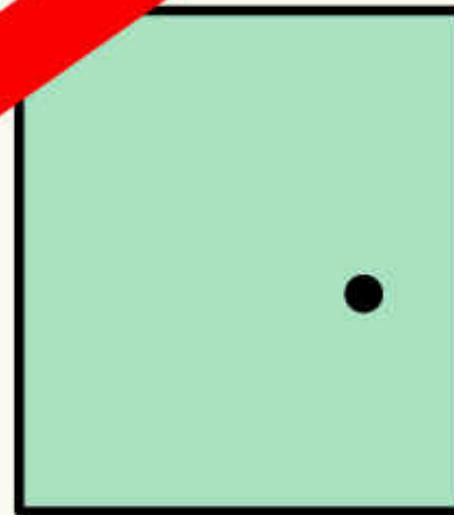
C rectangle D square



Answer !!

Rectangle

A door usually has 4 straight sides and 4 corners.



Question 5

How many corners does a rectangle have?



Answer 5

4 corners

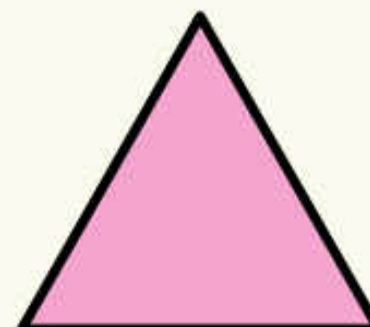
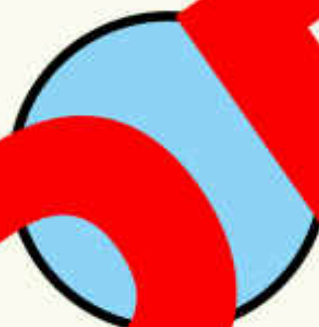


Question 6

Which shape has no corners?

A circle B square

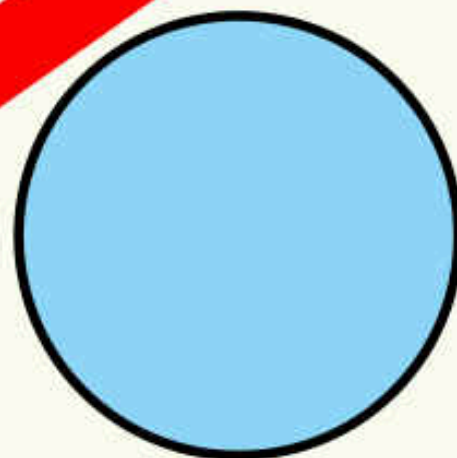
C triangle D rectangle



Answer 6

Circle 2

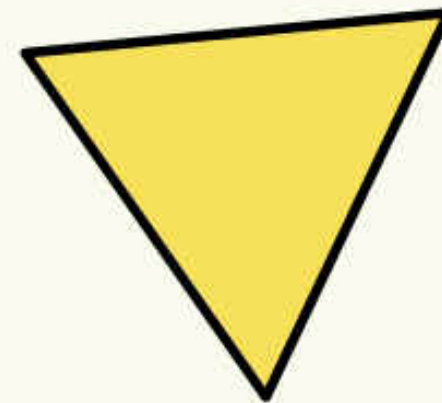
A circle has no corners.



Question 7

True or false

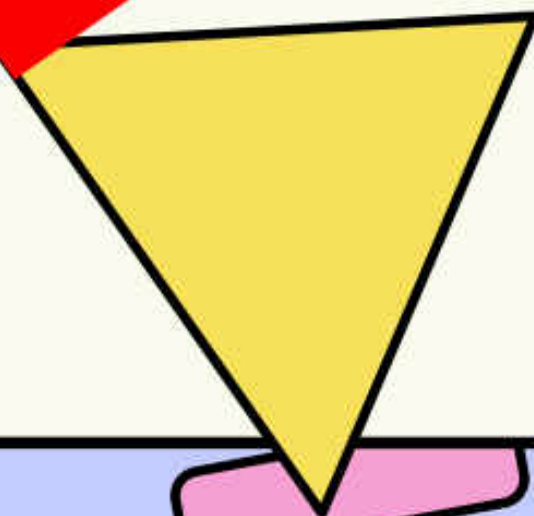
Turning a triangle changes it into a different shape.



Answer 3

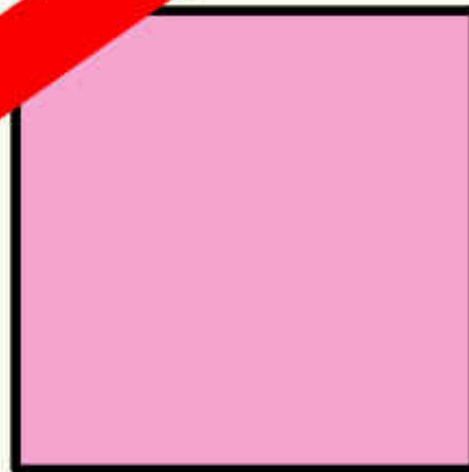
False

A triangle is still a triangle when it turns.



Question 8

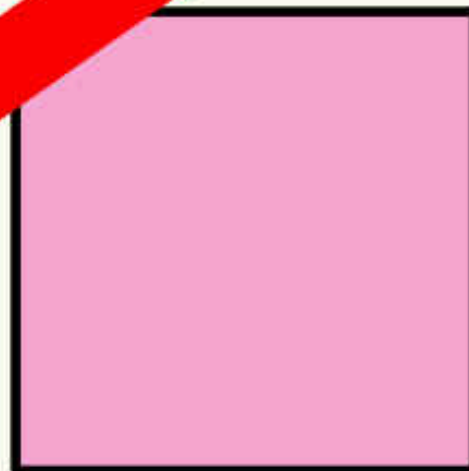
Draw a shape with 4 equal straight sides.



Answer 8

Square

A square has 4 equal straight sides.

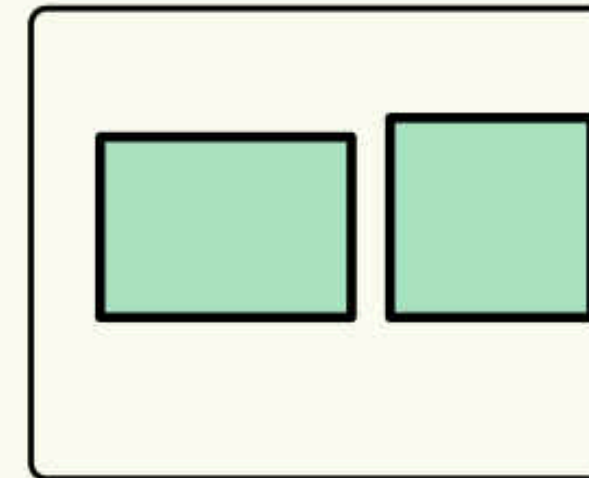
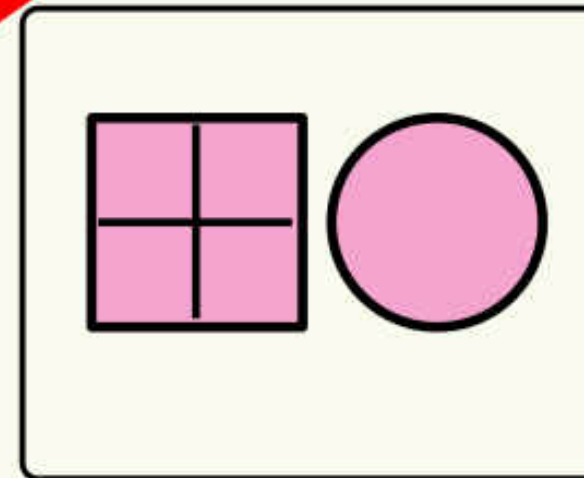
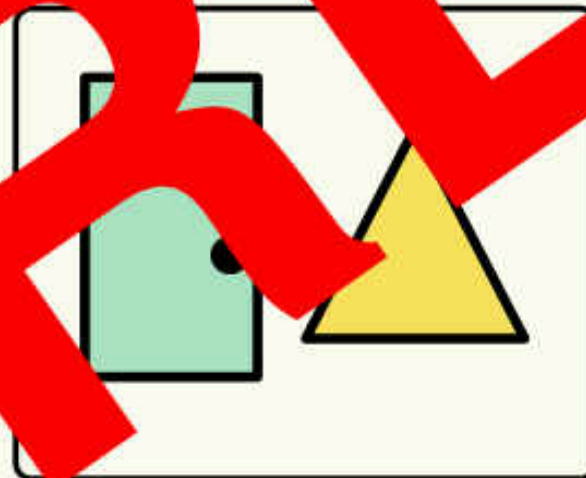
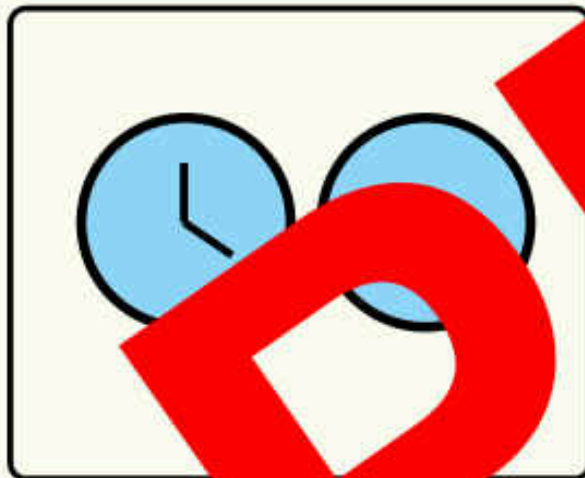


Question 1

Which pair belongs in the same shape group?

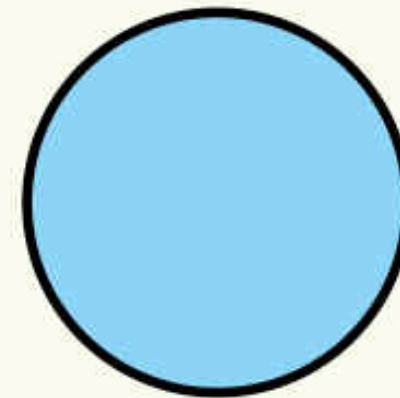
A clock and plate B door and road sign

C window and circle D book and tile



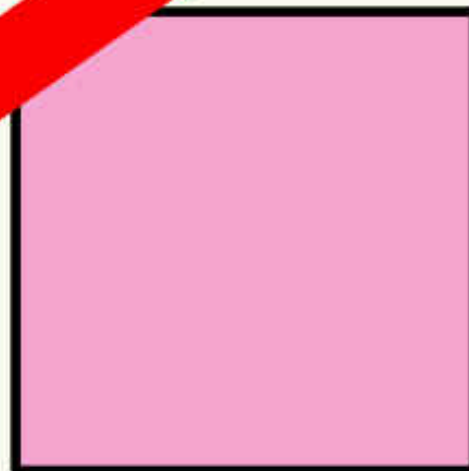
Answer a

Clock and plate
Both are round like circles.



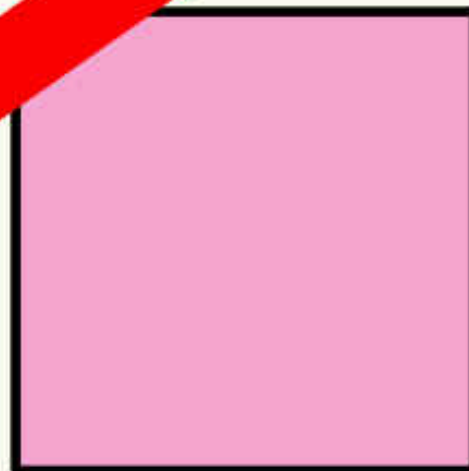
Question 10

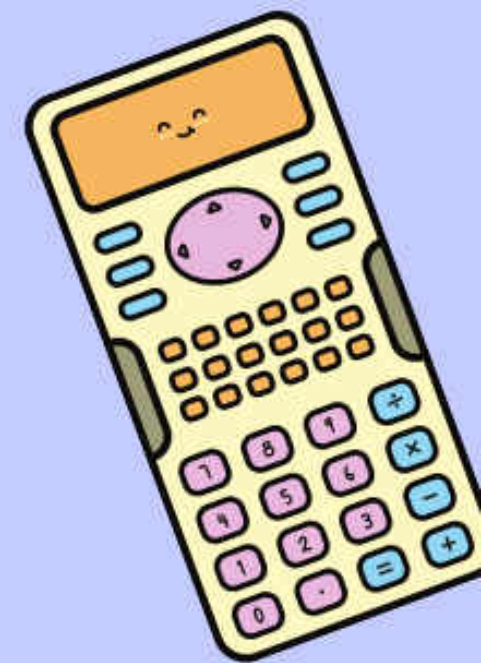
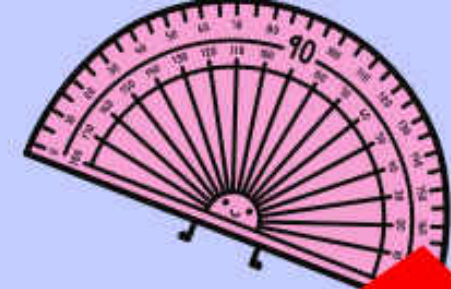
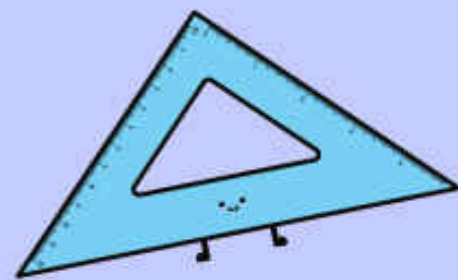
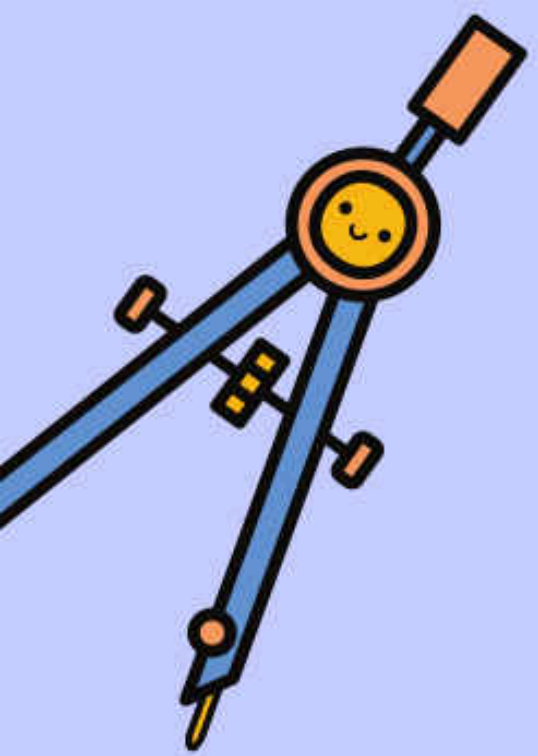
How do you know a rhombus is a square?



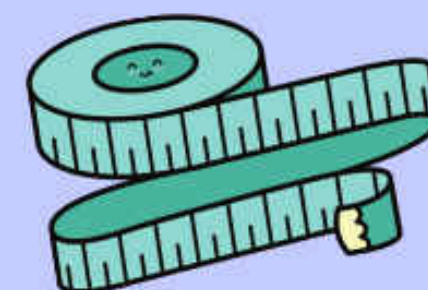
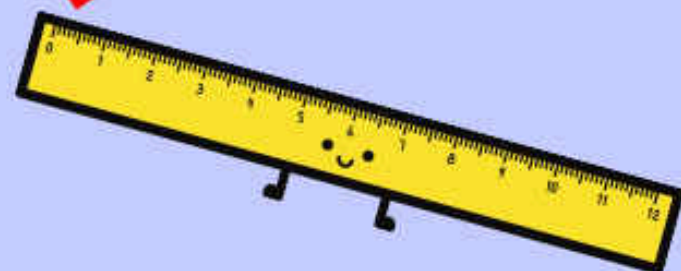
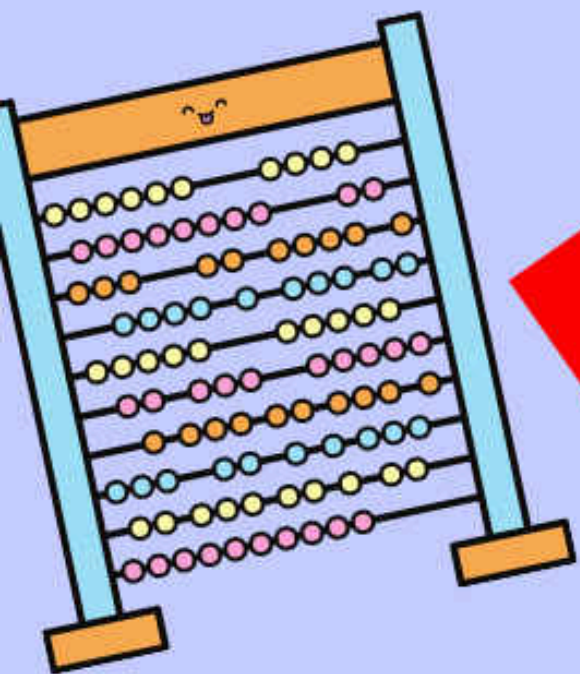
Answer is

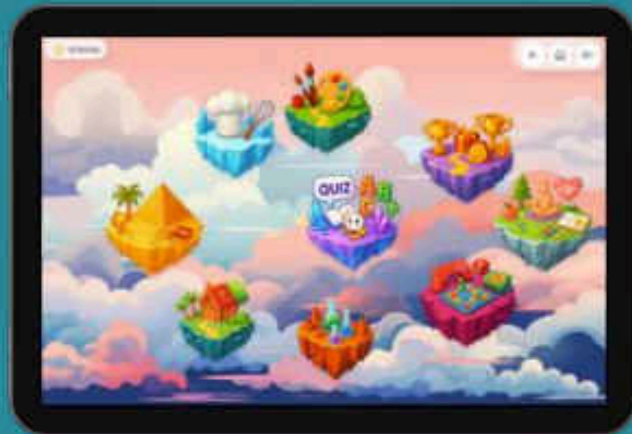
It has 4 equal straight sides and 4 corners.





Well Done!





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Features of 3D Objects - Foundation

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Worksheet: Roll, Slide or Stack?	
Worksheet: Match the Feature	
Worksheet: My 3D Object Hunt	
Quiz: Features of 3D Objects	
Assessment: 3D Object Check-Up	
Rubric: Features of 3D Objects Foundation Rubric	

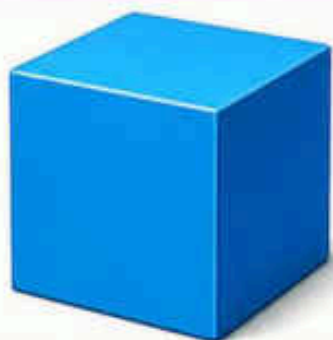


3D OBJECT DETECTIVES



SPHERE

1 curved surface



CUBE

6 flat square faces



CYLINDER

2 flat faces + 1 curved surface



CONE

1 flat face + 1 curved surface + 1 point



RECTANGULAR PRISM

6 flat rectangle faces

MYSTERY OBJECT MATCH

Cut out the object cards. Match each card to its 3D object.

SPHERE

CUBE

CYLINDER

CONE

RECTANGULAR
PRISM



ROLL, SLIDE OR STACK?

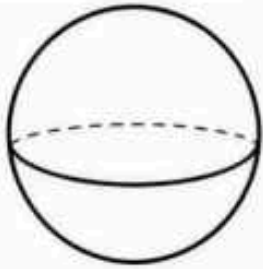
Test each object. Draw a tick or cross in each box.

OBJECT	ROLL	SLIDE	STACK
 SPHERE			
 CUBE			
 CYLINDER			
 CONE			
 RECTANGULAR PRISM			

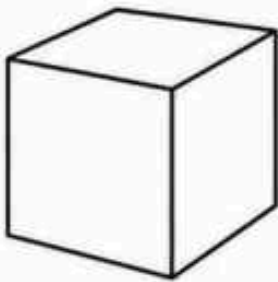
NAME THE 3D OBJECTS

Name: _____

Look at each object. Write its name on the line.

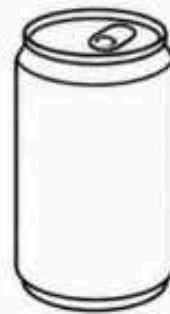


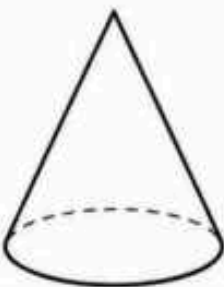












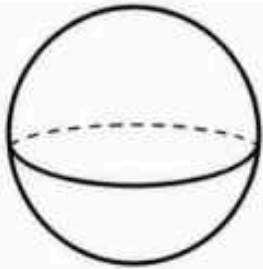


Word bank: sphere cube cylinder cone

NAME THE 3D OBJECTS

Name: ANSWERS

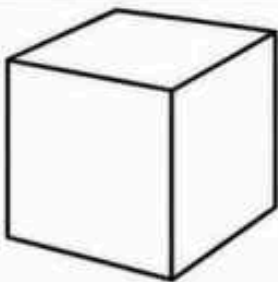
Look at each object. Write its name on the line.



sphere



spher



cube



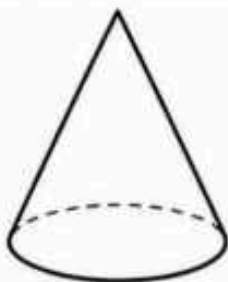
cube



cylinder



cylinder



cone



cone

Word bank: sphere cube cylinder cone

CUBE OR SPHERE SORT

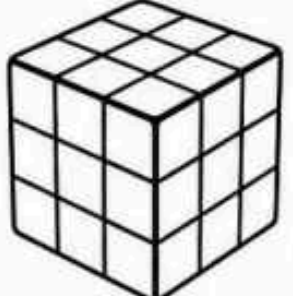
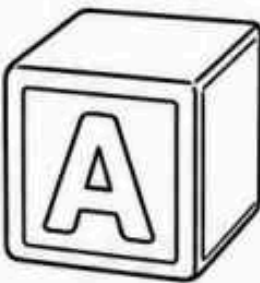
Name: _____

Cut out the pictures. Glue each one in the correct box.

CUBE

SPHERE

PREVIEW



CUBE OR SPHERE SORT

Name: _____ **ANSWERS**

Cut out the pictures. Glue each one in the correct box.

CUBE

dice

toy block

gift box

puzzle cube

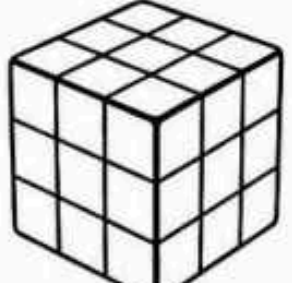
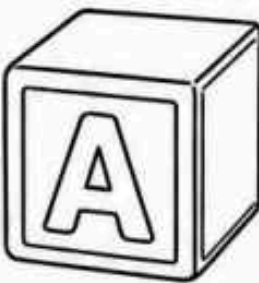
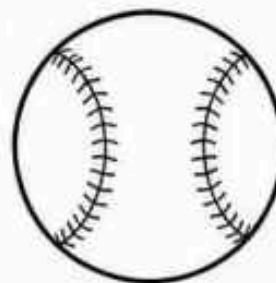
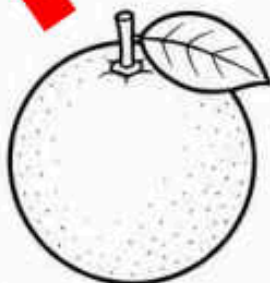
SPHERE

soccer ball

orange

baseball

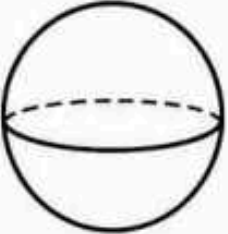
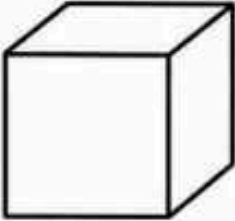
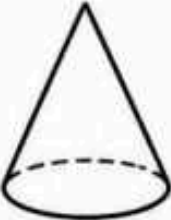
marble



ROLL, SLIDE OR STACK?

Name: _____

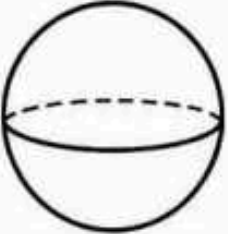
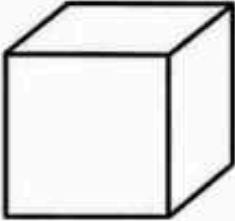
Tick every action each object can do.

OBJECT	ROLL	SLIDE	STACK
 SPHERE	☐	☐	☐
 CUBE	☐	☐	☐
 CYLINDER	☐	☐	☐
 CONE	☐	☐	☐
 RECTANGULAR PRISM	☐	☐	☐

ROLL, SLIDE OR STACK?

Name: _____ **ANSWERS**

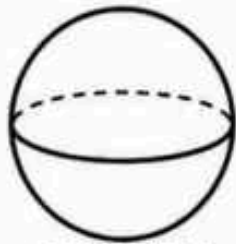
Tick every action each object can do.

OBJECT	ROLL	SLIDE	STACK
 SPHERE	☒	☐	☐
 CUBE	☐	☒	☒
 CYLINDER	☒	☒	☒
 CONE	☒	☒	☐
 RECTANGULAR PRISM	☐	☒	☒

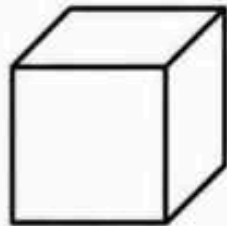
MATCH THE FEATURE

Name: _____

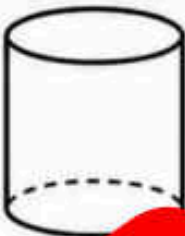
Draw a line to match each object to its feature.



SPHERE



CUBE



CYLINDER



CONE



RECTANGULAR PRISM

6 equal
square faces

1 flat face,
1 curved surface
and 1 point

1 curved
surface

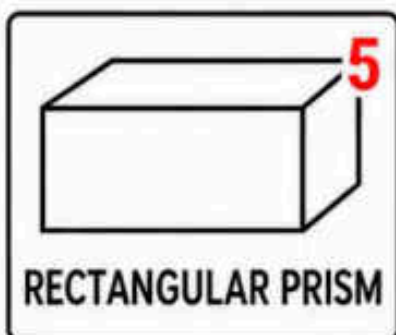
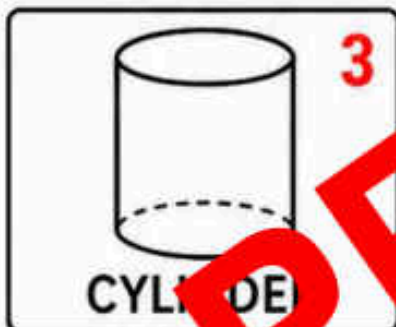
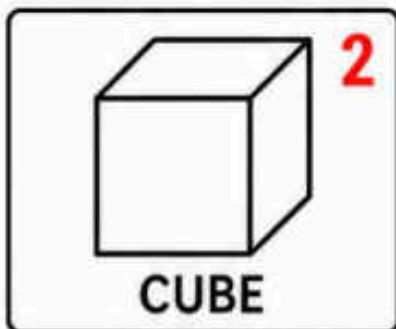
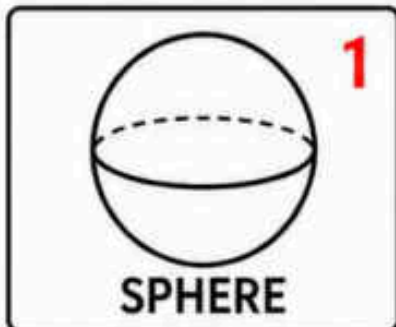
6 rectangle
faces

2 flat faces
and 1 curved
surface

MATCH THE FEATURE

Name: **ANSWERS**

Draw a line to match each object to its feature.



2

6 equal square faces

4

1 flat face,
1 curved surface
and 1 point

1

1 curved surface

5

6 rectangle faces

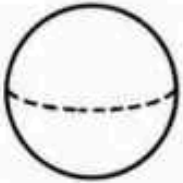
3

2 flat faces
and 1 curved surface

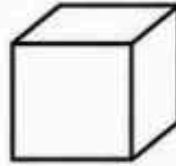
MY 3D OBJECT HUNT

Name: _____

Draw one real object for each 3D object.



SPHERE



CUBE

A large, empty rectangular box with a thin black border, intended for the student to draw a real-world example of a sphere.A large, empty rectangular box with a thin black border, intended for the student to draw a real-world example of a cube.

My object: _____

My object: _____



CYLINDER



CONE

A large, empty rectangular box with a thin black border, intended for the student to draw a real-world example of a cylinder.A large, empty rectangular box with a thin black border, intended for the student to draw a real-world example of a cone.

My object: _____

My object: _____

3D OBJECT CHECK-UP

Toy Shop Challenge

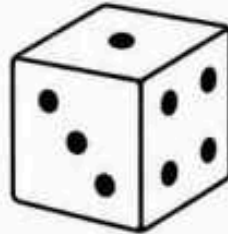
Name: _____

Show what you know about 3D objects.

1. Circle the sphere.



ball



dice



drum

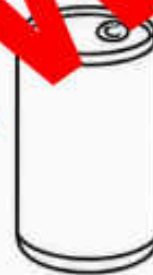
2. Circle the cube.



gift box

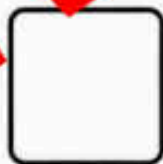


party hat

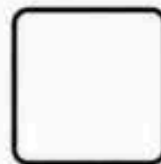


can

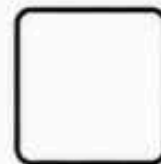
3. Tick every action a cylinder can do.



ROLL



SLIDE



STACK

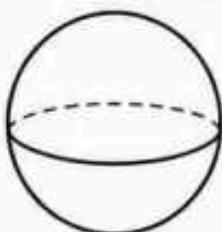
4. A cube has ____ flat faces.

☐ 4

☐ 6

☐ 8

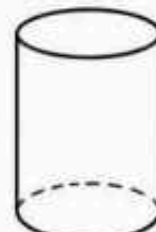
5. Circle the object with 1 flat face, 1 curved surface and 1 point.



sphere



cone



cylinder

3D OBJECT CHECK-UP

Toy Shop Challenge

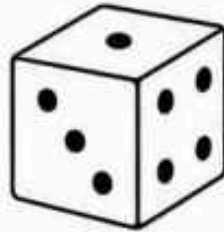
Name: ANSWERS

Show what you know about 3D objects.

1. Circle the sphere.



ball



dice



drum

2. Circle the cube.



gift box



party hat



can

3. Tick every action a cylinder can do.



ROLL



SLIDE



STACK

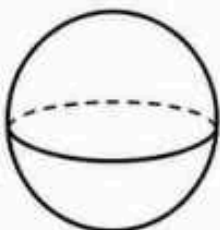
4. A cube has ____ flat faces.

☐ 4

☒ 6

☐ 8

5. Circle the object with 1 flat face, 1 curved surface and 1 point.



sphere



cone



cylinder

FEATURES OF 3D OBJECTS FOUNDATION RUBRIC

Student: _____

Date: _____

CRITERION	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Names 3D objects	☐ With help	☐ Names 1-2	☐ Names 3	☐ Names 4-5	☐ Names 5 and gives examples
Describes features	☐ With help	☐ Tells 1 feature	☐ Tells 2 features	☐ Tells accurate features	☐ Compares features
Explains movement	☐ With help	☐ Tells 1 action	☐ Tells 2 actions	☐ Tells roll, slide or stack	☐ Explains why
Connects real objects	☐ With help	☐ Gives 1 example	☐ Gives 2 examples	☐ Matches most examples	☐ Justifies examples

Teacher comment: _____

3D objects are solid shapes

We can pick them up and turn them around.

They have length, width and depth.

They are not flat.



Words that describe 3D objects

Face: a smooth, flat part.

Curved surface: a rounded part.

Edge: where faces meet.

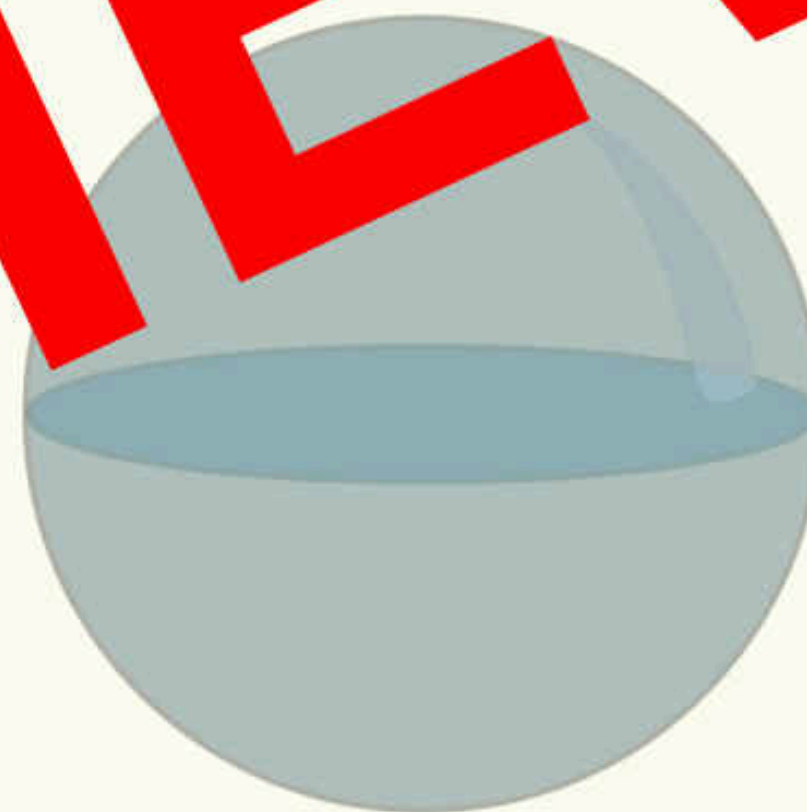
Vertex: a point where edges meet.



Meet the sphere

A sphere is perfectly round.

It has one curved surface.



What can a sphere do?

it rolls in every direction

it does not slide on a flat face.

it cannot stack.



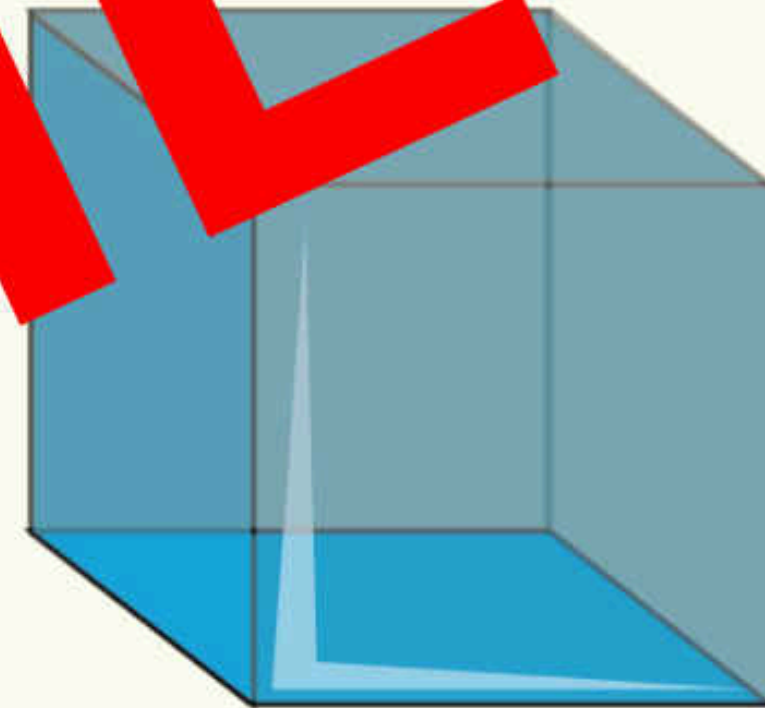
Spheres are all around us

A ball, marble, orange and globe are sphere-shaped.



Meet the cube

A cube is made from square faces



What makes a cube?

PREVIEW

equal square faces

12 edges

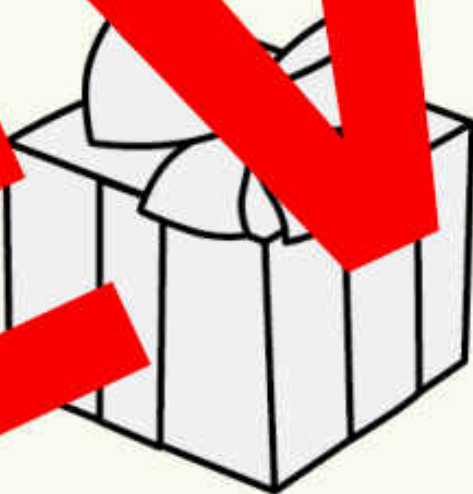
8 corners

it slides and stacks.



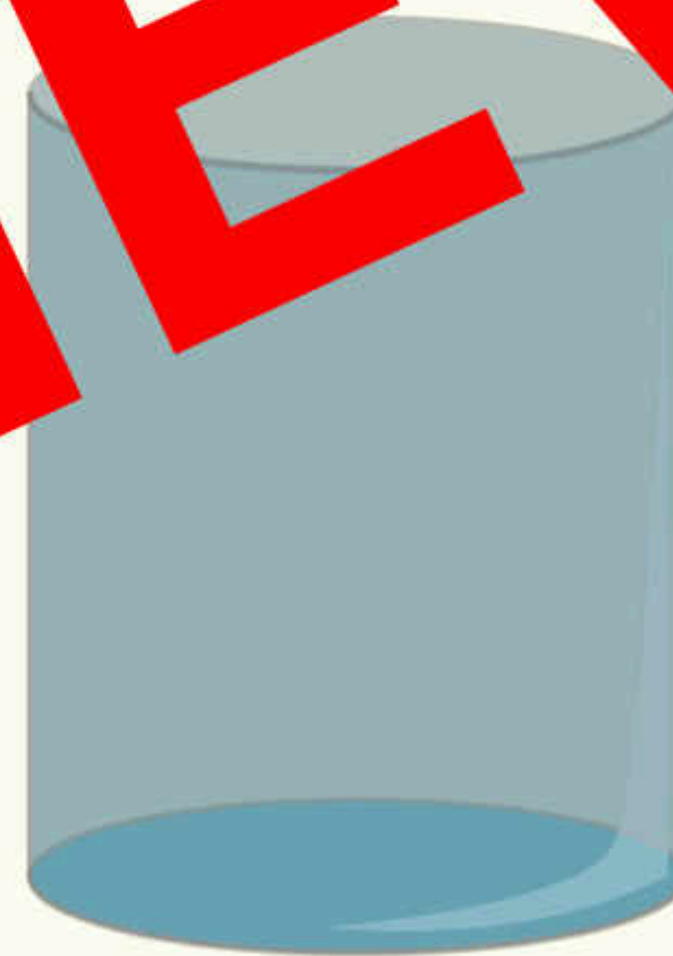
Cubes are all around us

Dice, blocks, gift boxes and puzzle cubes are cube-shaped.



Meet the cylinder

A cylinder has 2 flat circle faces and
a curved surface.



What can a cylinder do?

It rolls on its curved surface.

It slides on a flat face.

It stacks on a flat face.



Meet the cone

A cone has 1 circular face, 1 curved surface and 1 point.



What can a cone do?

It slides on its flat face.

It rolls in a circle on its curved surface.

It does not stack.



Meet the rectangular prism.

A rectangular prism has 6 flat rectangle faces and 8 corners.



Rectangular prisms are all around us.

Books, cereal boxes, tissue boxes and bricks are rectangular prism-shaped.



Roll, slide or stack?

Sphere: rolls

Cube: slide and stack

Cylinder: rolls, slides and stacks

Cone: rolls and slides

Rectangular prism: slides and stacks



Mystery object clues

I have no flat faces. I roll every way. What am I?

I have four equal square faces. What am I?

I can roll, slide and stack. What am I?

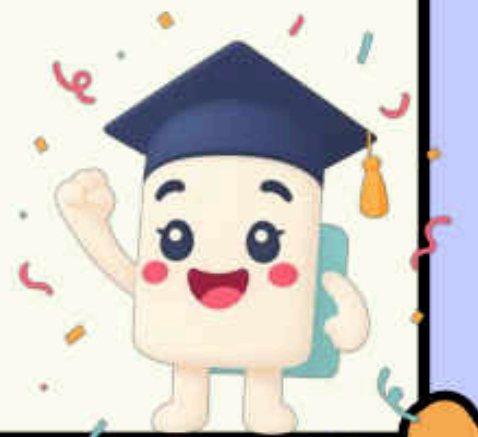


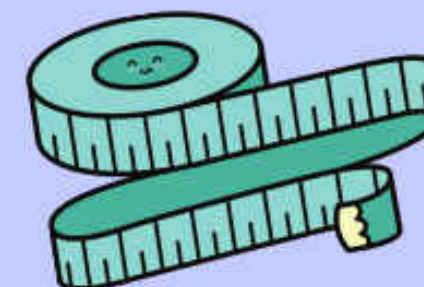
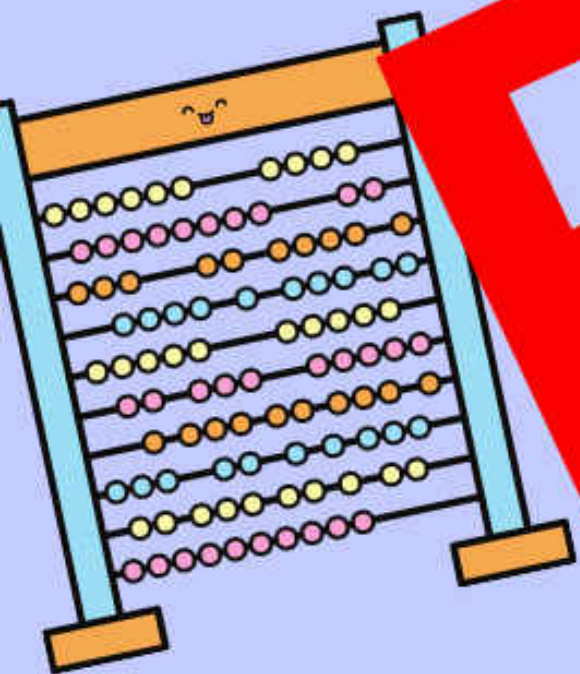
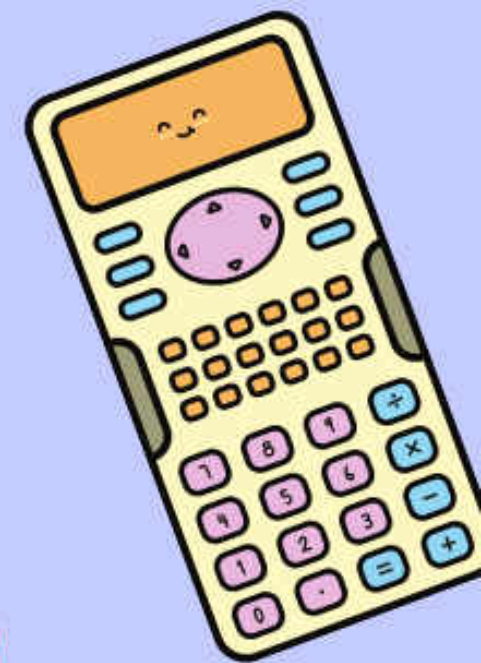
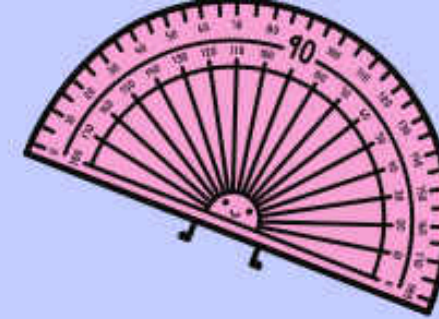
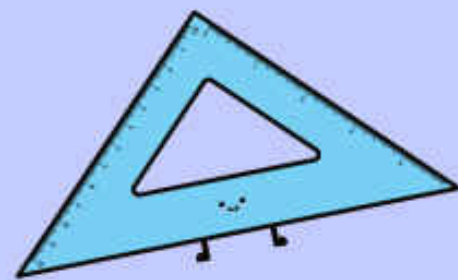
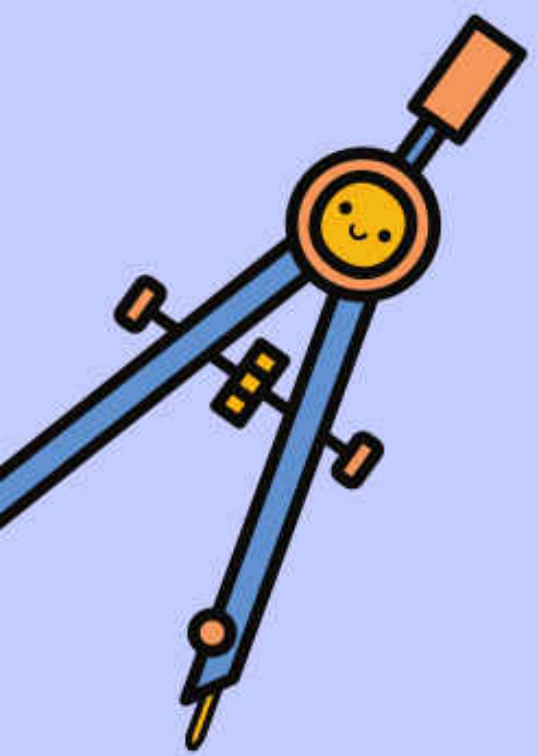
What we learnt

We can name 3D objects.

We can describe what faces, curved surfaces and corners.

We can test whether an object rolls, slides or stacks.





Well Done!

Question 1

Which feature belongs to a sphere?

- A. 4 flat square faces
- B. 1 curved surface
- C. 2 flat circle faces
- D. 8 corners



Answer 1

B. 1 curved surface

when it moved all the way around.



Question 2

True or false?

A cube has only flat faces.



Answer 2

PREVIEW

A cube has 6 flat square faces.



Question 3

Name the 3D object

It has curved surface, no flat faces and no corners.



Answer 3

PREVIEW

Sphere



Question 4

Which object rolls in every direction?

- A. Ball
- B. Dice
- C. Book
- D. Gift box



Answer 4

PREVIEW

Answer

is sphere-shaped.



Question 5

True or false?

A cylinder has 2 flat faces.



Answer 5

PREVIEW

A cylinder has 2 flat circle faces.



Question 6

PREVIEW

How many flat faces does a cube have?



Answer 6

PREVIEW

6 flat faces



Question 7

Which object can roll and slide?

- A. Sphere
- B. Cube
- C. Cylinder
- D. Rectangular prism



Answer 7

C. Cylinder

It rolls on its curved surface and slides on a flat face.



Question 8

True or false?

Rectangular prisms can stack.



Answer 8

PREVIEW

Then, the faces help them stack.



Question 9

More than one world object shaped like a sphere.



Answer 9

Answer may include a ball, marble, orange or globe.



Question 10

I have 6 equal square faces. What am I?

- A. Sphere
- B. Cube
- C. Cylinder
- D. Cone

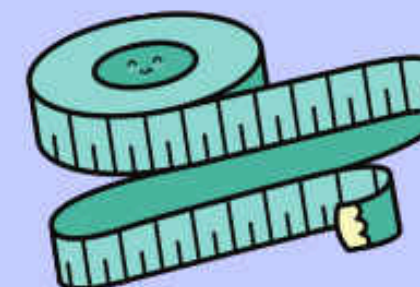
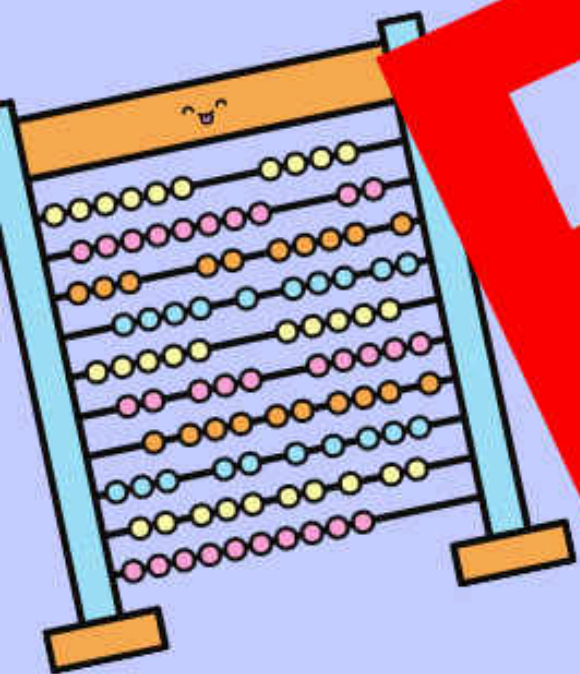
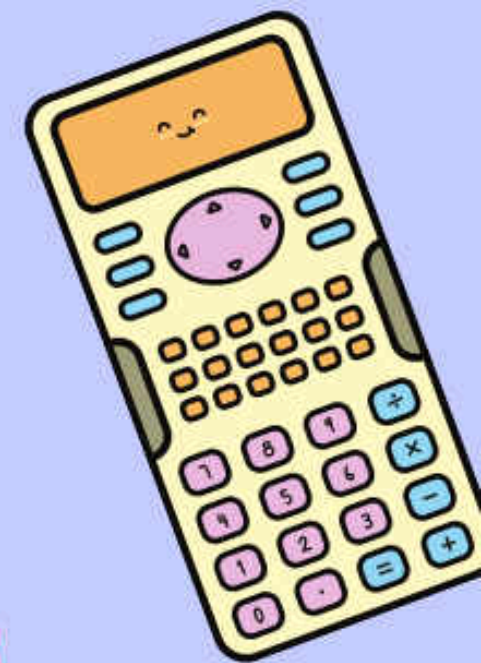
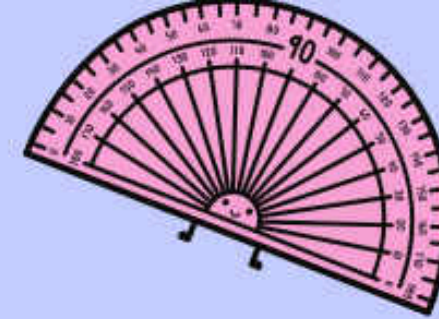
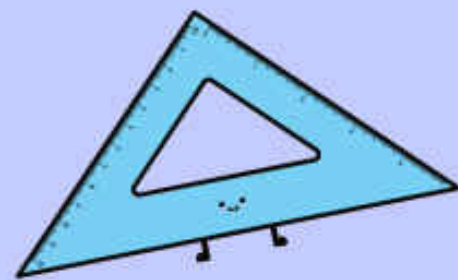
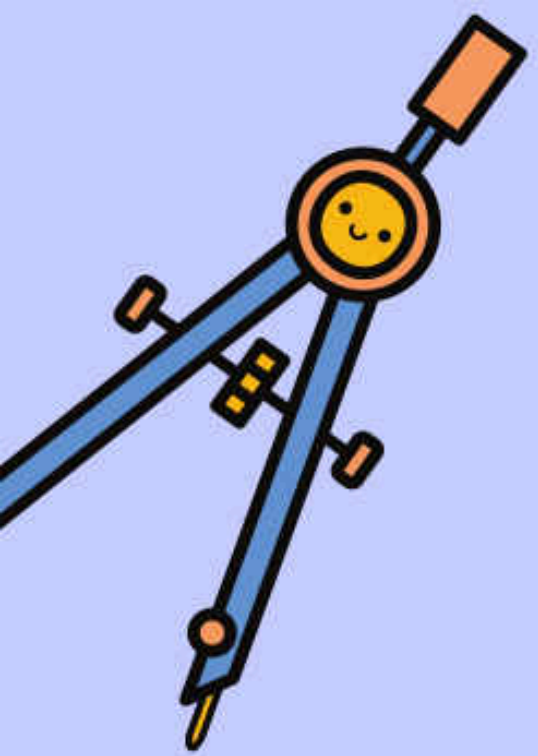


Answer 10

PREVIEW

B. Cubic





Well Done!