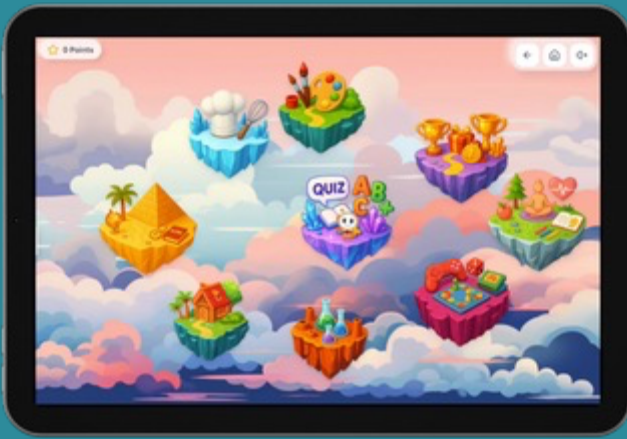


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## 2D Shapes – Year 2

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# Super 2D Shapes

2D shapes are **flat**. We can describe them by looking at their **sides**, **corners** and **curved edges**.

circle



- 1 curved edge
- no corners

triangle



- 3 sides
- 3 corners

square



- 4 equal sides
- 4 corners

rectangle



- 4 sides
- 4 corners

pentagon



- 5 sides
- 5 corners

hexagon



- 6 sides
- 6 corners

rhombus



- 4 equal sides
- 4 corners

trapezium



- 4 sides
- 4 corners



2D shapes are **flat**. They have **sides**, **corners** and sometimes a **curved edge**.



# 2D Shape Clues

Name: \_\_\_\_\_

Read each clue. Draw the matching 2D shape in the box. Write the shape name on the line.

a)

I have 6  
sides and  
6 corners.

b)

I have 4  
equal sides  
and 4 corners.

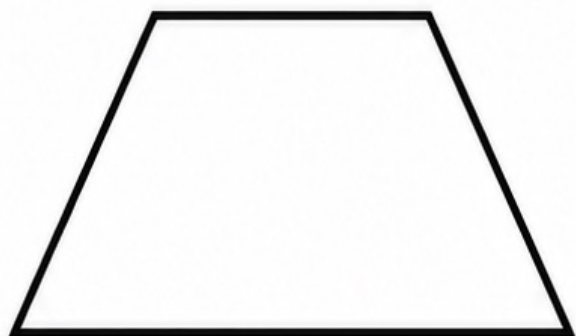
c)

I have 1  
curved edge  
and no corners.

d)

I have 3  
sides and  
3 corners.

PREVIEW



I am a: \_\_\_\_\_.

My features are:

---

---

---

---

---

# 2D Shape Clues

## Answer Key

Read each clue. Draw the matching 2D shape in the box. Write the shape name on the line.

a)

I have 6  
sides and  
6 corners.



hexagon

b)

I have 4  
equal sides  
and 4 corners.



square

c)

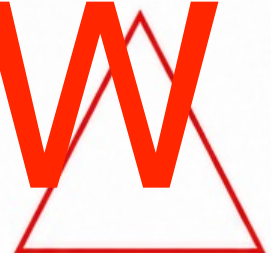
I have 1  
curved edge  
and no corners.



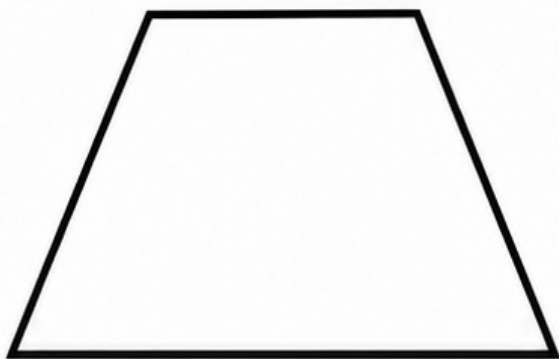
circle

d)

I have 3  
sides and  
3 corners.



triangle



I am a: trapezium.

My features are:

4 sides

4 corners

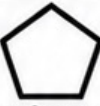
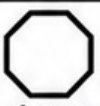
1 pair of parallel sides



# Shape Feature Check

Name: \_\_\_\_\_

Look at each 2D shape. Write how many sides and corners it has.

| Shape                                                                                           | Sides | Corners |
|-------------------------------------------------------------------------------------------------|-------|---------|
| <br>square     | _____ | _____   |
| <br>rectangle  | _____ | _____   |
| <br>triangle  | _____ | _____   |
| <br>circle   | _____ | _____   |
| <br>pentagon | _____ | _____   |
| <br>hexagon  | _____ | _____   |
| <br>octagon  | _____ | _____   |
| <br>oval     | _____ | _____   |



Finish the sentence

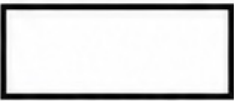


A 2D shape is flat and has \_\_\_\_\_ and \_\_\_\_\_.

# Shape Feature Check

Name: **Answer Key**

Look at each 2D shape. Write how many sides and corners it has.

| Shape                                                                                           | Sides                | Corners  |
|-------------------------------------------------------------------------------------------------|----------------------|----------|
| <br>square     | <u>4</u>             | <u>4</u> |
| <br>rectangle  | <u>4</u>             | <u>4</u> |
| <br>triangle  | <u>3</u>             | <u>3</u> |
| <br>circle   | <u>1 curved edge</u> | <u>0</u> |
| <br>pentagon | <u>5</u>             | <u>5</u> |
| <br>hexagon  | <u>6</u>             | <u>6</u> |
| <br>octagon  | <u>8</u>             | <u>8</u> |
| <br>oval     | <u>1 curved edge</u> | <u>0</u> |



**Finish the sentence**



A 2D shape is flat and has sides and corners.

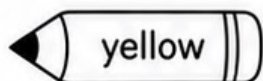


# ★ Colour and Count 2D Shapes

Name: \_\_\_\_\_

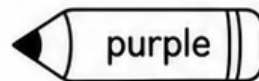
Colour each 2D shape using the code. Then count how many of each shape you found.

circle



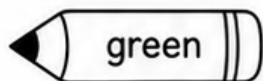
yellow

rhombus



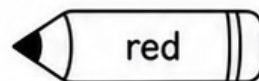
purple

rectangle



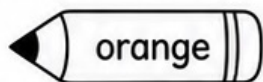
green

pentagon



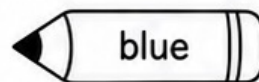
red

triangle



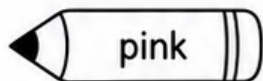
orange

hexagon



blue

square



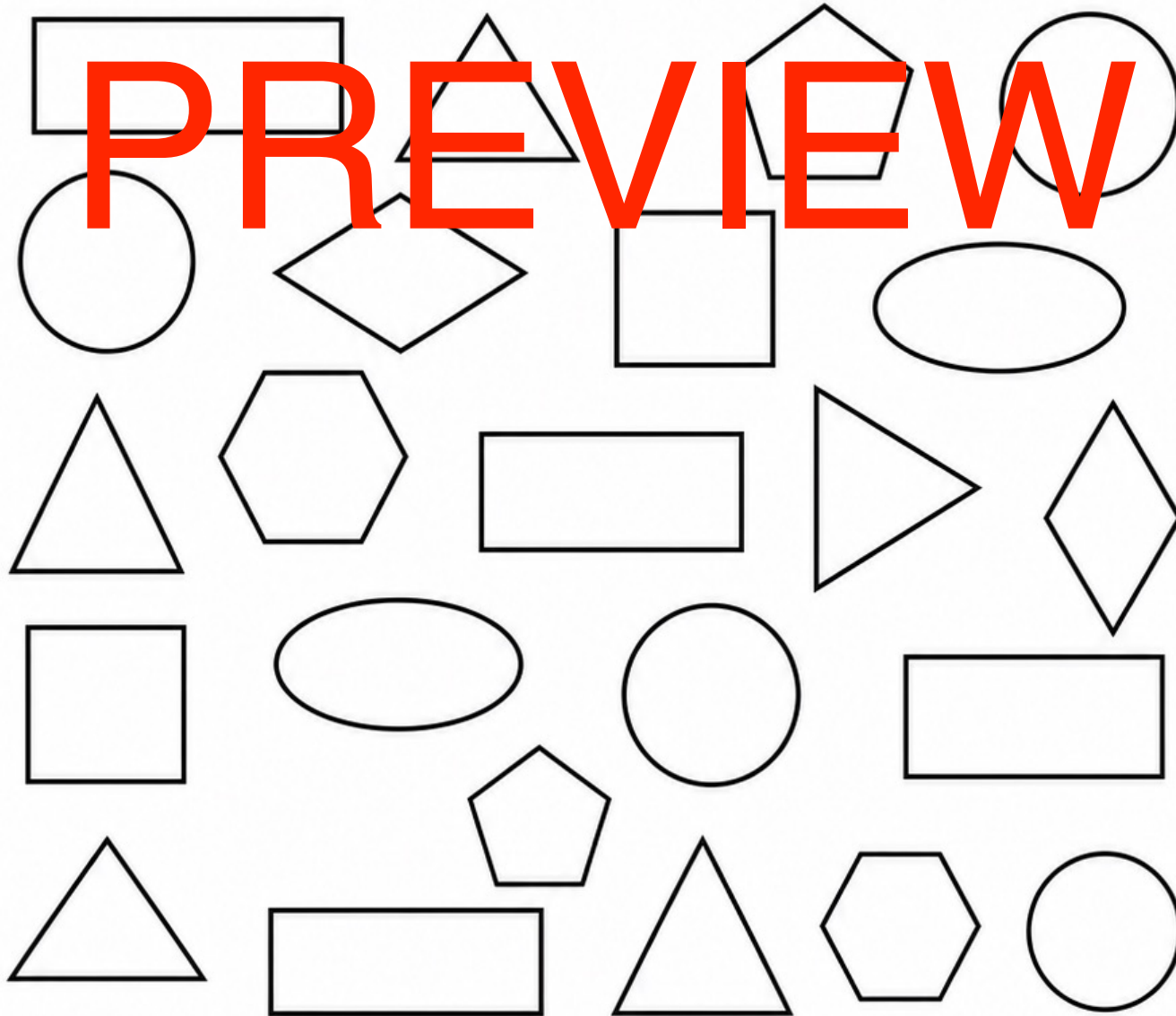
pink

oval



black

PREVIEW

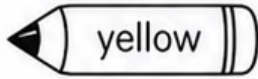


# ★ Colour and Count 2D Shapes

Name: **Answer Key**

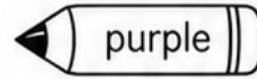
Colour each 2D shape using the code. Then count how many of each shape you found.

circle



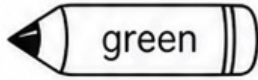
4

rhombus



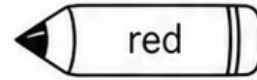
2

rectangle



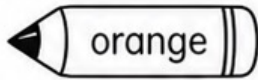
4

pentagon



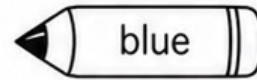
2

triangle



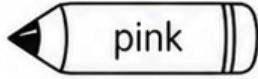
5

hexagon



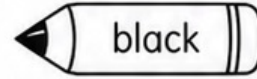
2

square



2

oval

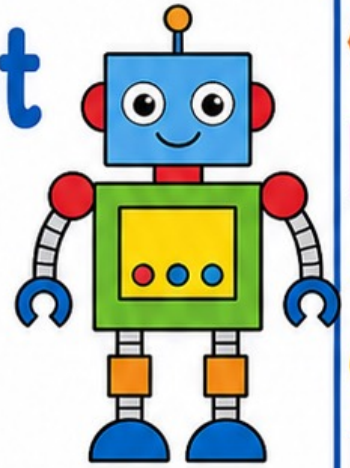


2

PREVIEW



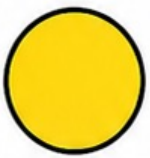
# Build a 2D Shape Robot



Name: \_\_\_\_\_

## Instructions

1. Design a robot using the 2D shapes below.
2. Use at least one of each shape.
3. Count and record how many shapes you used.



circle

\_\_\_\_\_



rectangle

\_\_\_\_\_



triangle

\_\_\_\_\_



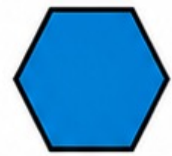
square

\_\_\_\_\_



pentagon

\_\_\_\_\_



hexagon

\_\_\_\_\_

My robot's name is: \_\_\_\_\_

# PREVIEW

# PREVIEW

## 2D Shapes





# Today We Will

---

## PREVIEW

- Describe 2D shapes using their features.
- Count sides and corners carefully.
- Notice curved edges on circles and ovals.
- Use clues to identify a shape.

# What Is a 2D Shape?

---

## PREVIEW

- A 2D shape is flat.
- It has length and width.
- It can be drawn on paper.
- We can describe it by looking closely.



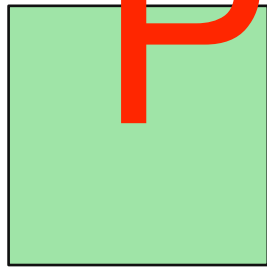
# Shape Features

---

## PREVIEW

- A side is a straight edge.
- A corner is where two sides meet.
- A curved edge bends around.
- Counting features helps us name shapes.

# Square



square  
4 equal sides  
4 corners

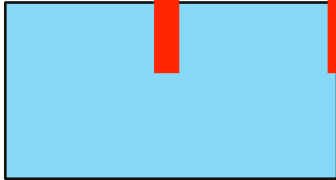
PREVIEW

A square has 4 equal sides and  
4 corners.

It is a special rectangle because all  
sides are the same length.

# Rectangle

PREVIEW



rectangle

4 sides

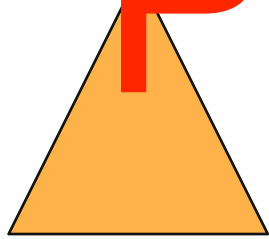
4 corners

A rectangle has 4 sides and 4 corners.

Opposite sides are the same length.



# Triangle



triangle

3 sides

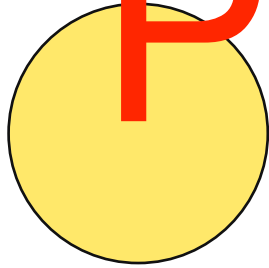
3 corners

# PREVIEW

A triangle has 3 straight sides  
and 3 corners.

Triangles can look different, but they  
always have 3 sides.

# Circle and Oval

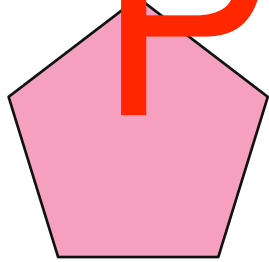


circle  
1 curved edge  
0 corners

A circle has 1 curved edge and no corners.

An oval is also curved and has no corners.

# Pentagon



pentagon

5 sides

5 corners

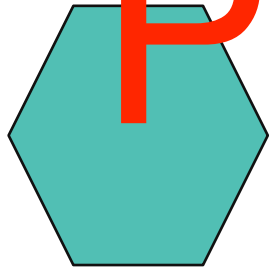
# PREVIEW

A pentagon has 5 sides and 5 corners.

The word starts with pent-, which helps us remember five.



# Hexagon



hexagon

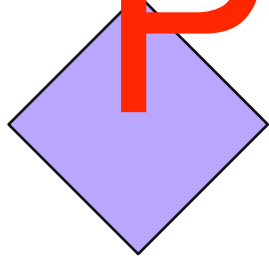
6 sides

6 corners

A hexagon has 6 sides and 6 corners.

Some hexagons have equal sides, like a honeycomb shape.

# Rhombus



rhombus

4 equal sides

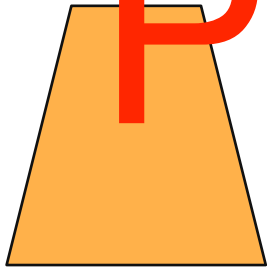
4 corners

# PREVIEW

A rhombus has 4 equal sides  
and 4 corners.

It can look like a diamond, but we  
name it by its features.

# Trapezium



trapezium

4 sides

4 corners

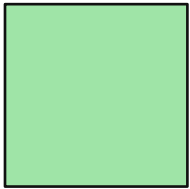
PREVIEW

A trapezium has 4 sides and 4 corners.

In Year 2, we describe it by counting its sides and corners.

# Compare the Features

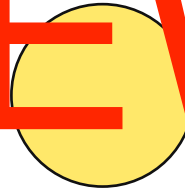
PREVIEW



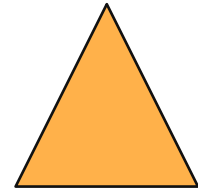
square  
4 equal sides  
4 corners



rectangle  
opposite sides equal  
4 corners



circle  
1 curved edge  
0 corners



triangle  
3 sides  
3 corners

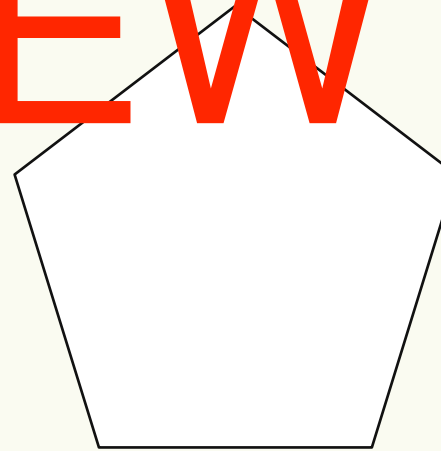
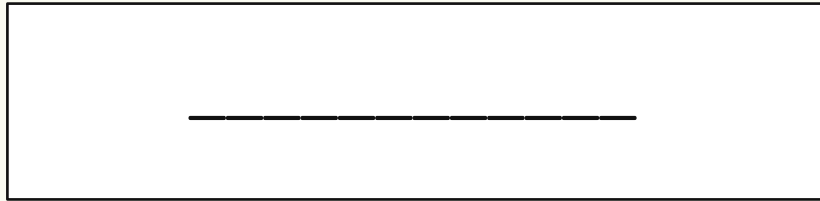


# Clue Practice

---

I have 5 sides and 5 corners.

What shape am I?



PREVIEW

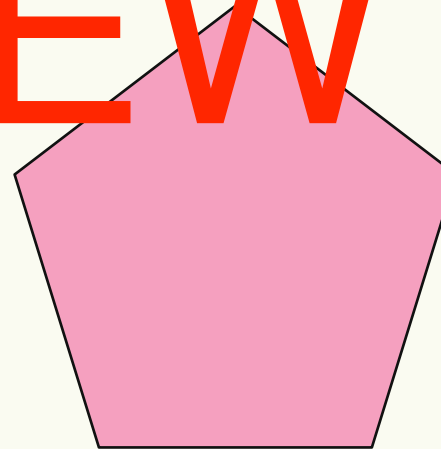
# Clue Practice Answer

---

I have 5 sides and 5 corners.

What shape am I?

pentagon



# Partner Challenge

---

## PREVIEW

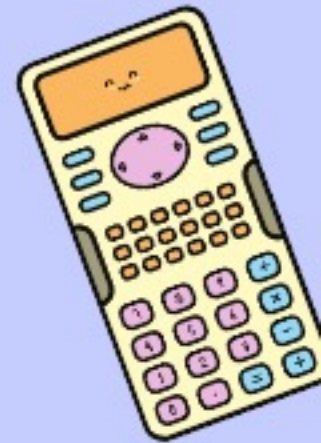
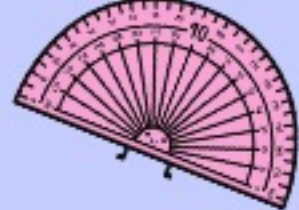
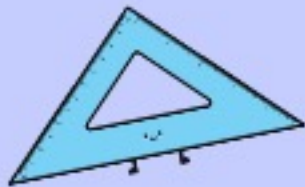
- Choose a 2D shape.
- Say clues about its features.
- Do not say the shape name.
- Ask your partner to guess it.

# Review

---

## PREVIEW

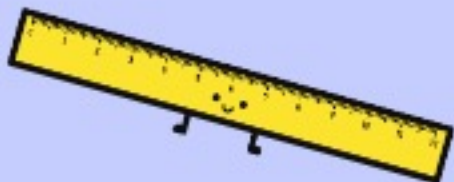
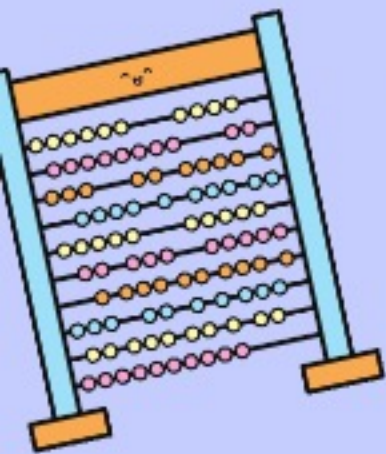
- 2D shapes are flat.
- Sides can be straight or curved.
- Corners help us identify many shapes.
- We can use feature clues to name shapes.



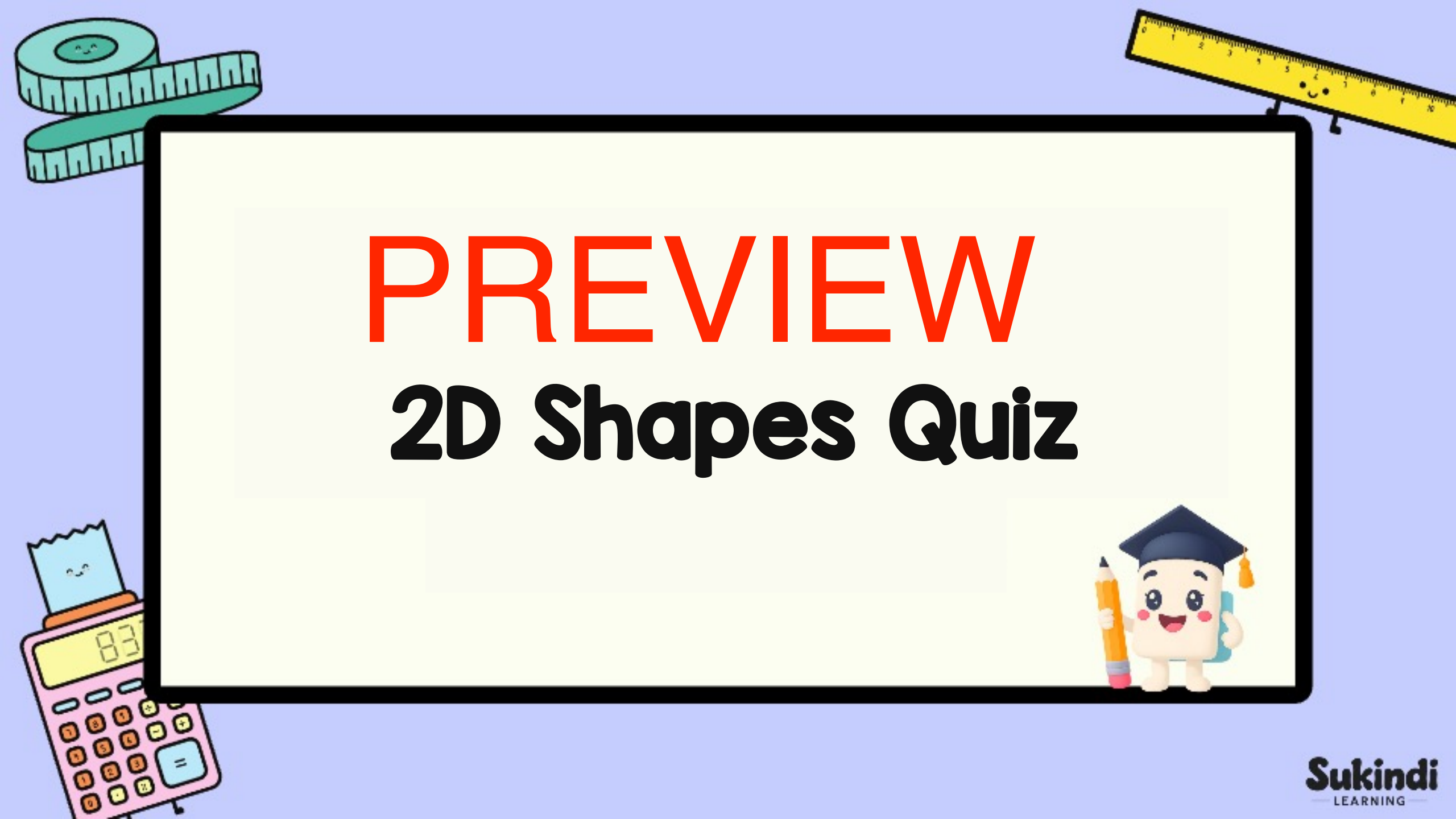
# PREVIEW

## Well Done!

You can describe and identify 2D shapes.







# PREVIEW

## 2D Shapes Quiz

# Quiz Instructions

---

# PREVIEW

- Write numbers 1 to 10 on your page.
- Listen carefully to each question.
- Some questions are multiple choice.
- Some questions need a short answer.
- Check the answer on the next slide.

# Question 1

---

Which shape has 3 sides and 3 corners?

PREVIEW

A. circle

B. triangle

C. square

D. hexagon

# Question | Answer

---

Which shape has 3 sides and 3 corners?

PREVIEW

A. circle

B. triangle

C. square

D. hexagon

## Question 2

---

PREVIEW

True or false. A circle has no corners.

A. True

B. False

## Question 2 Answer

---

PREVIEW

True or false. A circle has no corners

A. True

B. False



## Question 3

---

**PREVIEW**

How many corners does a square have?

Write your answer.

## Question 3 Answer

---

PREVIEW

How many corners does a square have?

Acceptable answer: 4

## Question 4

---

Which shape has 5 sides?

PREVIEW

A. pentagon

B. rectangle

C. circle

D. triangle

## Question 4 Answer

---

Which shape has 5 sides?

PREVIEW

A. pentagon

B. rectangle

C. circle

D. triangle

## Question 5

---

**PREVIEW**

A shape has 6 sides and 6 corners. What is it?

Write your answer.

## Question 5 Answer

---

**PREVIEW**

A shape has 6 sides and 6 corners. What is it?

Acceptable answer: hexagon

## Question 6

---

PREVIEW

True or false. A rectangle has 4 corners.

A. True

B. False



## Question 6 Answer

---

PREVIEW

True or false. A rectangle has 4 corners.

A. True

B. False

## Question 7

---

PREVIEW

Which feature belongs to a circle?

A. 4 straight sides

B. 3 corners

C. 1 curved edge

D. 6 sides

## Question 7 Answer

---

PREVIEW

Which feature belongs to a circle?

A. 4 straight sides

B. 3 corners

C. 1 curved edge

D. 6 sides

## Question 8

---

**PREVIEW**

How many sides does a pentagon have?

Write your answer.

## Question 8 Answer

---

**PREVIEW**

How many sides does a pentagon have?

Acceptable answer: 5

## Question 9

---

PREVIEW

Which two shapes both have 4 corners?

A. circle and oval

B. square and rectangle

C. triangle and hexagon

D. pentagon and circle

# Question 9 Answer

---

PREVIEW

Which two shapes both have 4 corners?

A. circle and oval

B. square and rectangle

C. triangle and hexagon

D. pentagon and circle

## Question 10

---

PREVIEW

What do we call the place where two sides meet?

A. side

B. corner

C. colour

D. line



## Question 10 Answer

---

PREVIEW

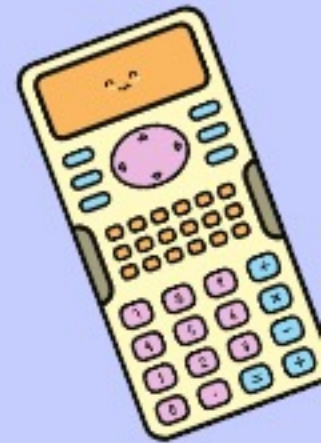
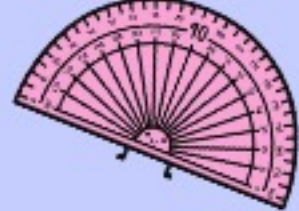
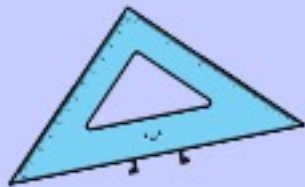
What do we call the place where two sides meet?

A. side

B. corner

C. colour

D. line



# PREVIEW

## Quiz Complete!

You have practised 2D shape features.

