Sukindi LEARNING

Homework without the hassle

Sukindi is an Australian learning platform that supports Teachers, Parents and Students with an interactive homework app and downloadable resources.

Scan to start your free 7-day trial

www.sukindi.com.au

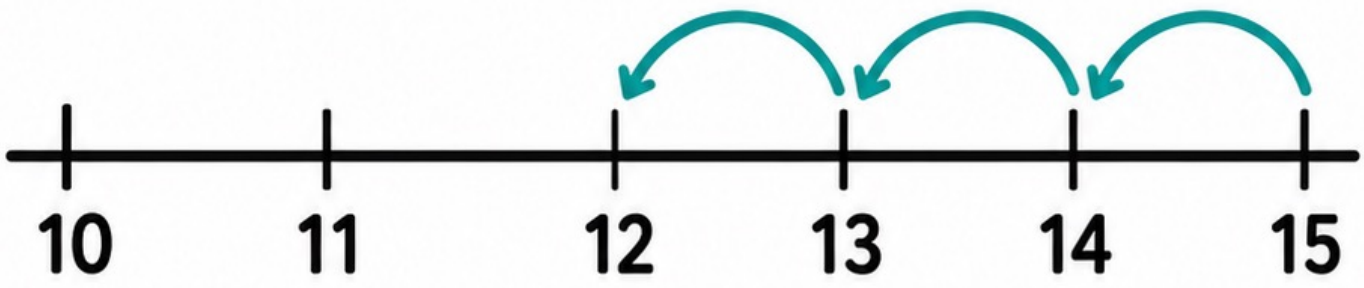
Counting Back - Year 1

Table of Contents	
Presentation: Counting Back	
Display: Count Back to Subtract	
Student Reference: Count Back Helper	
Activity: Backward Steps Number Line	
Game: Count Back Race	
Worksheet 1: Before and Back	
Worksheet 2: Count Back on a Number Line	
Worksheet 3: Solve by Counting Back	
Worksheet 4: Count Back Stories	
Worksheet 5: Count Back Challenge	
Quiz: Counting Back	
Assessment: Counting Back Check-Up	
Rubric: Counting Back Rubric	

COUNT BACK TO SUBTRACT

1. Start at the first number.
2. Count back the number of steps shown by the second number.
3. The number you land on is the answer.

15 − 3 = 12



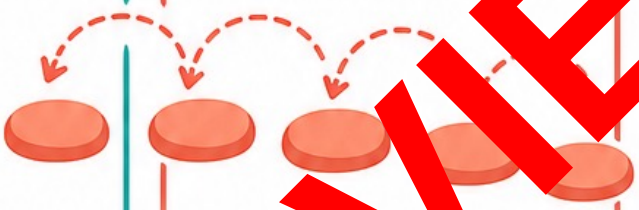
COUNT BACK HELPER

START

1 Start at the first number.

STEP BACK

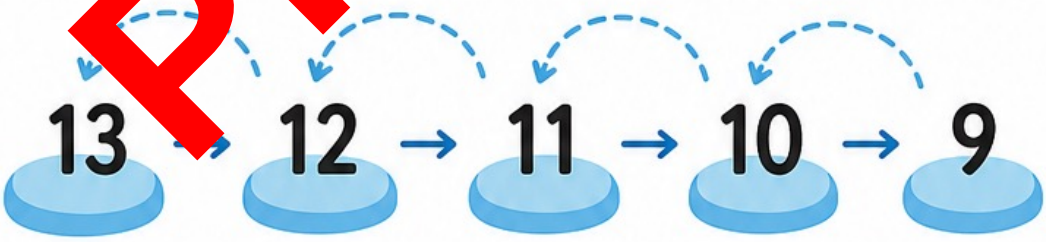
2 Move back one number for each step.

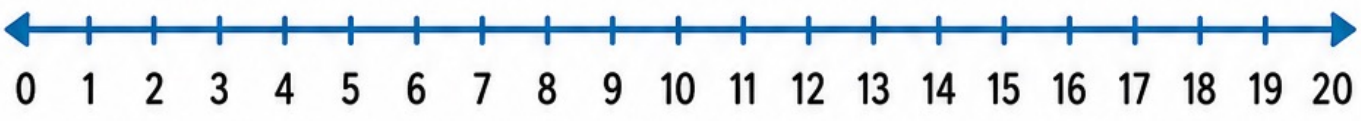


LAND

3 Write the number you land on.

13 − 4 = 9





BACKWARD STEPS NUMBER LINE

Place a counter on th[illegible]t number. Move left one step for each number taken away.

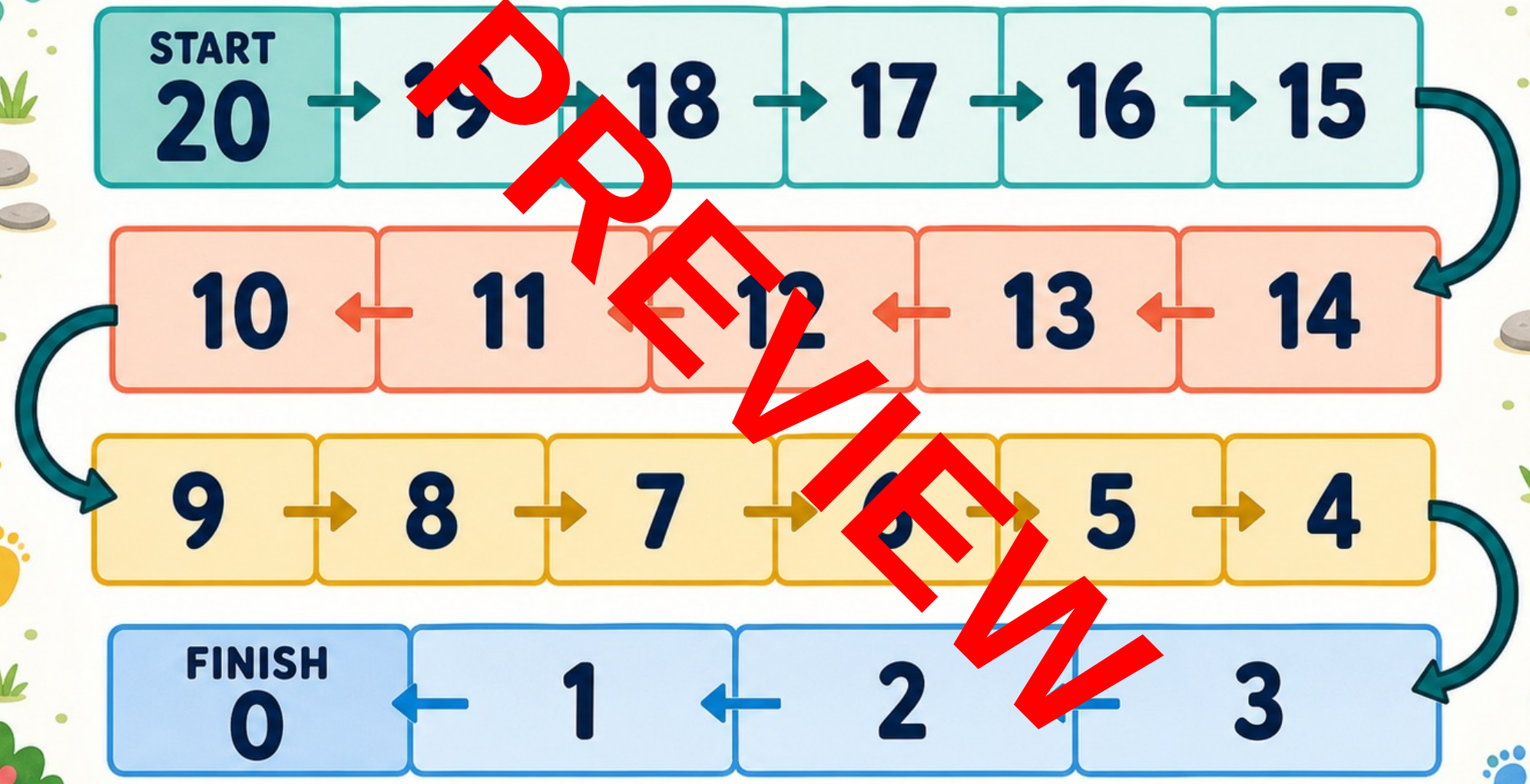
BACKWARD STEPS CARDS

Pick a card. Start at the first number. Move back the number of steps shown.

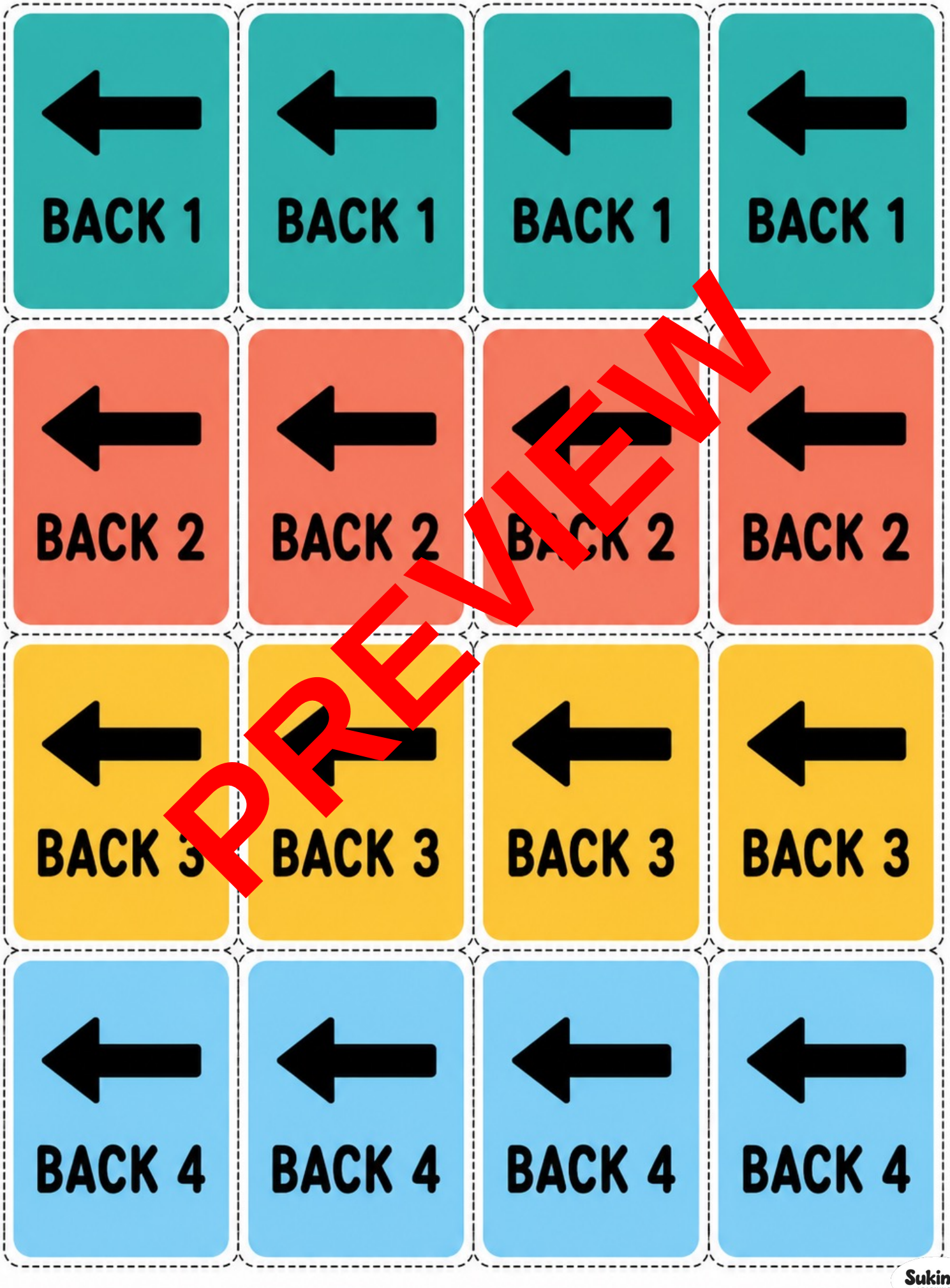
7 - 2	8 - 3	9 - 4
10 - 2	11 - 3	12 - 4
13 - 2	14 - 3	15 - 5
16 - 4	18 - 3	20 - 5

COUNT BACK RACE

Each player starts on 20. Take a card and move back that many spaces.
Say each number as you move. First to reach 0 wins. If a move would pass 0, stay where you are.



COUNT BACK RACE CARDS



Name: _____

BEFORE AND BACK

A. Write the number that comes before.

1. ⇦ ___, 8

2. ⇦ ___, 13

3. ⇦ ___, 20

4. ⇦ ___, 6

5. ⇦ ___, 17

6. ⇦ ___, 10

B. Complete each count back sequence.

7. 12, 11, ___, ___

8. 18, 17, ___, ___

9. 9, 8, ___, ___

10. 20, 19, ___, ___

ANSWERS

BEFORE AND BACK

A. Write the number that comes before.

1. ⇦ 7 , 8

2. ⇦ 12 , 13

3. ⇦ 19 , 20

4. ⇦ 5 , 6

5. ⇦ 16 , 17

6. ⇦ 9 , 10

B. Complete each count back sequence.

7. 12, 11, 10 , 9

8. 18, 17, 16 , 15

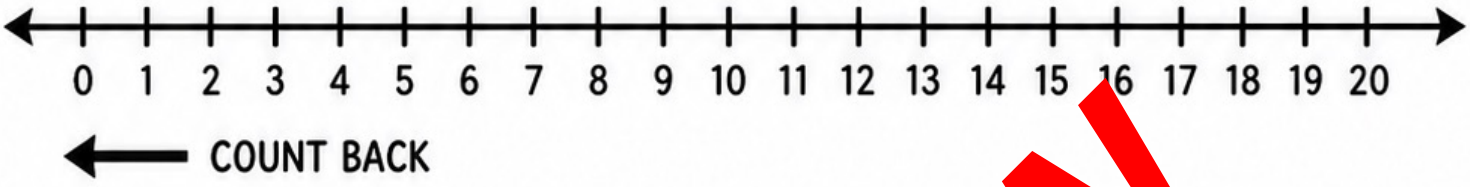
9. 9, 8, 7 , 6

10. 20, 19, 18 , 17

COUNT BACK ON A NUMBER LINE

Name: _____

Use the number line. Write each number you say, then the answer.



1. 11 – 3

Say: ____ , ____ , ____ Answer: ____

2. 16 – 4

Say: ____ , ____ , ____ , ____ Answer: ____

3. 9 – 2

Say: ____ , ____ Answer: ____

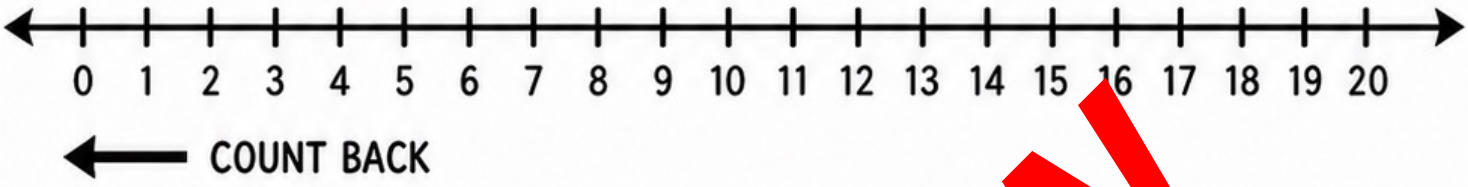
4. 20 – 5

Say: ____ , ____ , ____ , ____ , ____ Answer: ____

COUNT BACK ON A NUMBER LINE

ANSWERS

Use the number line. Write each number you say, then the answer.



1. 11 − 3

Say: 10 , 9 , 8 Answer: 8

2. 16 − 4

Say: 15 , 14 , 13 , 12 Answer: 12

3. 9 − 2

Say: 8 , 7 Answer: 7

4. 20 − 5

Say: 19 , 18 , 17 , 16 , 15 Answer: 15

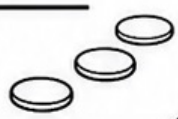
SOLVE BY COUNTING BACK

Name: _____

Start at the first number. Count back and write each answer.

1. 8 − 2 = ___

2. 10 − 3 = ___



3. 13 − 4 = ___

4. 15 − 2 = ___

5. 17 − 5 = ___

6. 20 − 3 = ___

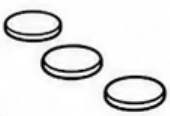
7. 9 − 4 = ___

8. 14 − 3 = ___

9. 18 − 2 = ___

10. 16 − 6 = ___

11. 11 − 5 = ___



12. 19 − 4 = ___

SOLVE BY COUNTING BACK

Name: ANSWERS

Start at the first number. Count back and write each answer.

1. $8 - 2 = 6$

2. $10 - 3 = 7$

3. $13 - 4 = 9$

4. $15 - 2 = 13$

5. $17 - 5 = 12$

6. $20 - 3 = 17$

7. $9 - 4 = 5$

8. $14 - 3 = 11$

9. $18 - 2 = 16$

10. $16 - 6 = 10$

11. $11 - 5 = 6$

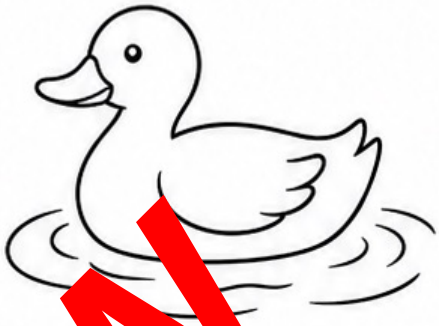
12. $19 - 4 = 15$

COUNT BACK STORIES

Name: _____

Write a subtraction equation and solve each story.

1. Fourteen ducks are on a pond. Three swim away. How many ducks remain?



Equation: _____

Answer: _____

2. Mia has eighteen crayons. She gives four crayons to a friend. How many crayons remain?

Equation: _____

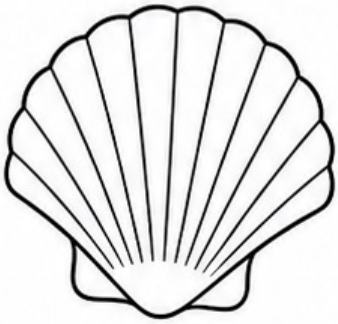
Answer: _____

3. Twelve balloons are tied to a chair. Two balloons pop. How many balloons remain?

Equation: _____

Answer: _____

4. Noah collects twenty shells. He returns five shells to the sea. How many shells remain?



Equation: _____

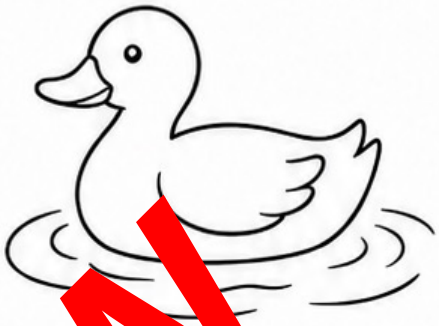
Answer: _____

COUNT BACK STORIES

Name: ANSWERS

Write a subtraction equation and solve each story.

1. Fourteen ducks are on a pond.
Three swim away. How many ducks remain?



Equation: 14 – 3 = 11

Answer: 11 ducks remain.

2. Mia has eighteen crayons.
She gives four crayons to a fr[illegible]nd.
How many crayons remain?

Equation: 18 – 4 = [illegible]

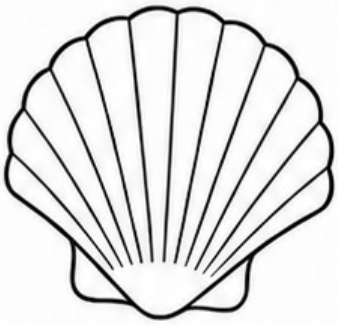
Answer: 14 cr[illegible]yons remain.

3. Twelve b[illegible]oons [illegible]tied to a chair.
Two [illegible]ons pop.
H[illegible] ma[illegible]y balloons remain?

Equatio[illegible] 12 – 2 = 10

Answer: 10 balloons remain.

4. Noah collects twenty shells.
He returns five shells to the sea.
How many shells remain?



Equation: 20 – 5 = 15

Answer: 15 shells remain.

COUNT BACK CHALLENGE

Name: _____

1. Count back three: 17, ___, ___, ___

2. Find the missing number: 20 – ___ = 16

3. Find the starting number: ___ – 4 = 10

4. True or false? 15 – 5 = 9

Circle: TRUE FALSE

Correct answer: ___

5. Write a subtraction equation that has an answer of 12:

_____

COUNT BACK CHALLENGE

Name: ANSWERS

1. Count back three: 17, 16, 15, 14

2. Find the missing number: 20 – 4 = 16

3. Find the starting number: 14 – 4 = 10

4. True or false? 15 – 5 = 9

   Circle: TRUE (FALSE)

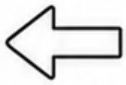
   Correct answer: 10

5. Write a subtraction equation that has an answer of 12:

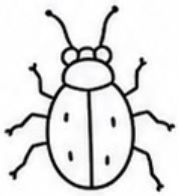
   15 – 3 = 12

COUNTING BACK CHECK-UP

Name: _____ Date: _____

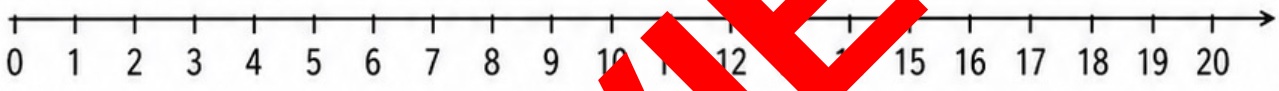


1. Write the number before 12: ____



2. Complete: 16, 15, ____, ____

3. Show three backward jumps and solve: 14 − 3 = ____



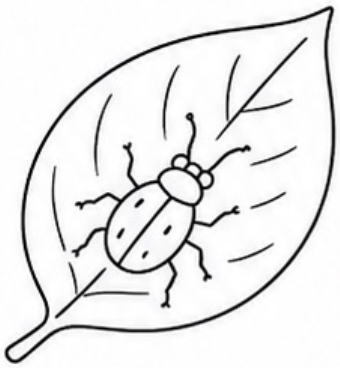
4. 9 − 2 = ____

5. 18 − 4 = ____

6. 20 − 5 = ____

7. Circle the equation that means start at 13 and count back 3:

13 − 3 3 − 13 13 + 3



8. Seventeen beetles sit on a leaf. Two crawl away. How many remain?

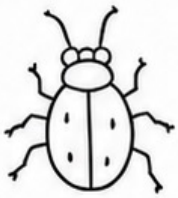
Equation: _____ Answer: _____

9. How does the second number help you count back?

_____

COUNTING BACK CHECK-UP

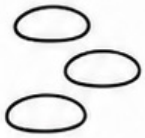
ANSWERS _____ Date: _____



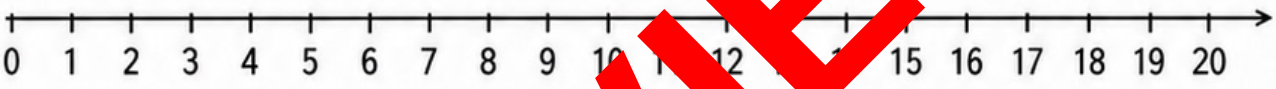
1. Write the number before 12: **11**

2. Complete: 16, 15, **14**, **13**

3. Show three backward jumps and solve: 14 − 3 = **11**



14 → 13 → 12 → 11



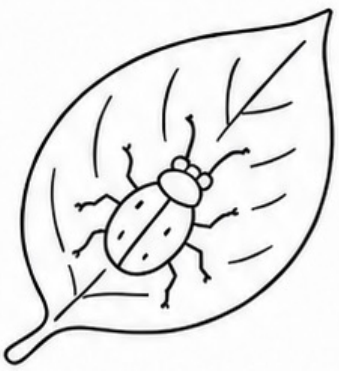
4. 9 − 2 = **7**

5. 18 − 4 = **14**

6. 20 − 5 = **15**

7. Circle the equation that means start at 13 and count back 3:

(13 − 3) 3 − 13 13 + 3



8. Seventeen beetles sit on a leaf. Two crawl away. How many remain?

Equation: **17 − 2 = 15** Answer: **15 beetles**

9. How does the second number help you count back?

It tells how many backward steps to take.

COUNTING BACK RUBRIC

Student: _____ Date: _____

CRITERIA	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
Chooses the starting number	Needs full support	Chooses with prompts	Usually chooses it correctly	Chooses it independently	Explains why it is the start
Counts backwards accurately	Sequence is not yet secure	Counts back with support	Counts back accurately in familiar tasks	Counts back accurately and efficiently	Checks and explains the sequence
Solves subtraction within 20	Needs full support	Solves some examples with prompts	Solves expected examples	Solves a range independently	Applies the strategy to challenging tasks
Explains the strategy	Does not yet describe the steps	Names one step with prompts	Describes the main steps	Explains all steps clearly	Explains and justifies the answer

Counting Back

Learning Goal

We are learning to count back to solve subtraction problems within 20.

Success Criteria

I can start at the first number.

I can count back the correct number of steps.

I can say the numbers in order.

I can write the number I land on.

What Is Subtraction?

Subtraction means taking away.

It helps us find how many remain.

Meet the Strategy

Counting back is a subtraction strategy.

Start with a number.

Say the numbers before it as you move backwards.

Read an Equation

14 − 3 = ?

The first number is the start.

The second number is the number of backward steps.

The number you land on is the answer.

Start at the First Number

For 14 – 3, b[illegible] at 14.

Use the Second Number

The 3 t[illegible]s us to take t[illegible] backward steps.

Watch the Count

14 → 13 [illegible] → 11

Th[illegible]e backward steps.

Finish the Equation

14 − 3

Find the Number Before

The number before is one less.

The number before 10 is 9.

Quick Think

What number comes immediately before 18?

Answer

1[illegible]omes immedi[illegible]y before 18.

Say the Sequence

Count back three numbers from 16.

16, ___, ___, ___

Answer

16, 15, [illegible]3

Try It

Solve 9 − 2.

Start at 9 and count back two numbers.

Answer

9 — [illegible] — 7

So, 9 – 2 – 7.

Try It

Solve 15 − 4.

Start at 15 and count back four numbers.

Answer

→ 14 → 2 → 12 → 11

So, 15 – 4 – 11.

Story Problem

There are 1[illegible] shell[illegible]n a b[illegible]cket.

Th[illegible] shells are re[illegible]ed to the sea.

[illegible]w man[illegible] shells remain?

Plan the Steps

Sta[illegible]t [illegible].

Co[illegible]t [illegible]ck 3 numbers: 17, 16, 15.

Story Answer

18 = 5

Fifteen shells remain.

Your Turn

Solv[illegible]2 [illegible]3.

Show the [illegible]ers you say as you count back.

Answer

12 → 11 → 10 → 9

So, 12 − 3 = 9.

Challenge

Solve 20 − 4.

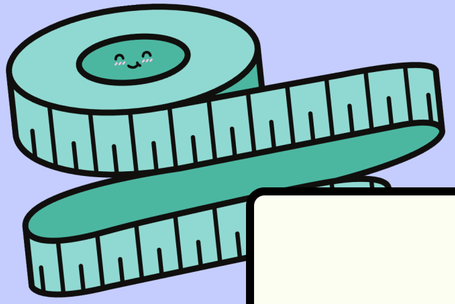
How do you know you counted exactly four steps?

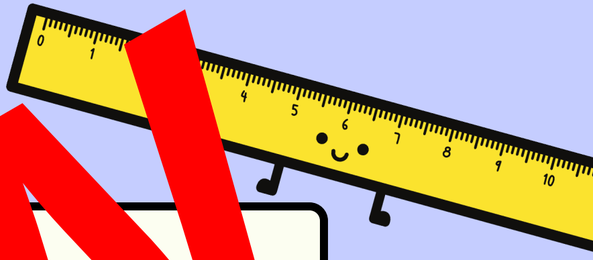
Answer

→ 19 → 17 → 16

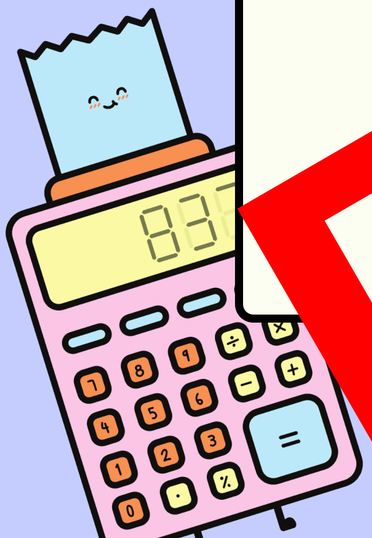
30, 20 – 4 – 16.

Well Done!





Counting Back Quiz



Question 1

Why do we count back when we subtract?

A. To make the first number larger

B. To find how many remain

C. To count in twos

D. To change subtraction into addition

Answer 1

– To find how many remain.

Question 2

True or false:

For 13 − 3, start at 13.

Answer 2

The first number is the starting number.

Question 3

Short answer:

What number comes immediately before 17?

Answer 3

Question 4

In 15 − 4, what does the 4 tell you?

A. Start at 4

B. Count forward 4

C. Count back 4 steps

D. The answer is 4

Answer 4

C — Count b[illegible]4 steps.

Question 5

Short answer:

Complete the sequence: 19, 18, ___, ___

Answer 5

17, 1

Question 6

What is 1 – 2

A. 8

B.

C. 10

D. 14

Answer 6

C — D

Question 7

True or false:

16 − 3 = 13.

Answer 7

→ 15 → 14 → 13.

Question 8

Short answer:

Solve 9 - 4.

Answer 8

5

Question Nine

Fourteen birds s[illegible] on [illegible]fenc[illegible]

Two fly aw[illegible] How [illegible]any [illegible]mai[illegible]

A. 10

B. 11

C. 12

D. 16

Answer Nine

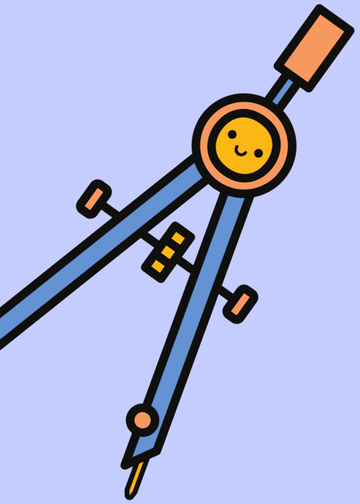
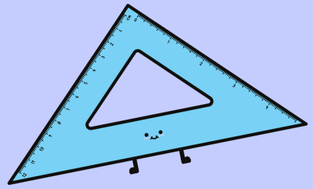
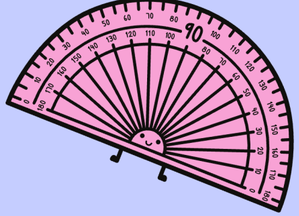
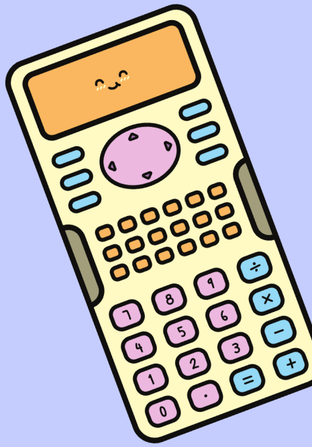
C — 12 bird[illegible]main.

Question 10

Short answer:

Solve 20 ÷ 5.

Answer 10

Well Done!