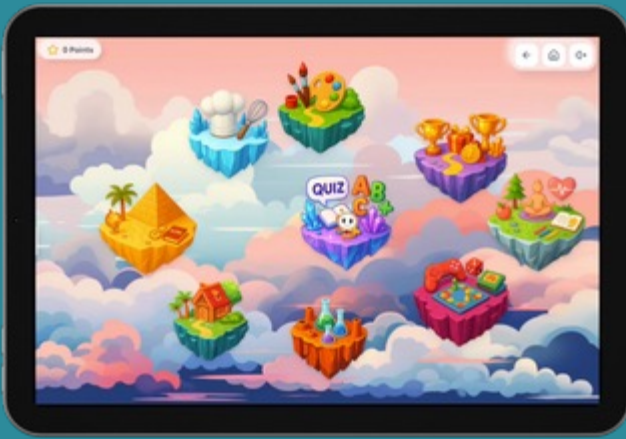


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Counting Back to 0 - Foundation

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COUNTING BACK TO 0



20 → 19 → 18 → 17 → 16

15 → 14 → 13 → 12 → 11

10 → 9 → 8 → 7 → 6

5 → 4 → 3 → 2 → 1 → 0

Start at any number. Say one less each time.



Example:

8, 7, 6, 5, 4, 3, 2, 1, 0

COUNTDOWN PATH

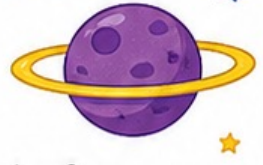


- You need:**
- ★ 1 counter each and a 1–3 spinner.
 - ★ Take turns to spin and move.
 - ★ Say every number you pass.
 - ★ First to 0 wins.





NUMBER BEFORE CARDS



Cut out the cards. Say and write the number immediately before.



Before

1

is ____



Before

2

is ____



Before

3

is ____



Before

4

is ____



Before

5

is ____



Before

6

is ____



Before

7

is ____



Before

8

is ____



Before

9

is ____



Before

10

is ____



Before

11

is ____



Before

12

is ____



Name: _____



COUNT BACK TRACKS

Count back by one. Write the missing numbers.

1. 8 → 7 → 6 → — → — → —

2. 12 → 11 → — → — → — → 7

3. 6 → — → 4 → — → 2 → —

4. 20 → 19 → 18 → — → — → 15

5. 10 → — → — → — → — → 5

6. 5 → — → — → — → — → 0

Name: **ANSWERS**



COUNT BACK TRACKS

Count back by one. Write the missing numbers.

1. 8 → 7 → 6 → 5 → 4 → 3

2. 12 → 11 → 10 → 9 → 8 → 7

3. 6 → 5 → 4 → 3 → 2 → 1

4. 20 → 19 → 18 → 17 → 16 → 15

5. 10 → 9 → 8 → 7 → 6 → 5

6. 5 → 4 → 3 → 2 → 1 → 0



Name: _____



MISSING NUMBERS

Complete each count-back sequence.

1.

14	13	—	11	10
----	----	---	----	----

2.

—	8	7	6	5
---	---	---	---	---

3.

20	—	18	—	16
----	---	----	---	----

4.

7	6	—	4	—
---	---	---	---	---

5.

12	—	10	9	—
----	---	----	---	---

6.

5	—	3	—	1	0
---	---	---	---	---	---

7.

17	16	15	—	13
----	----	----	---	----

8.

10	9	—	7	—	5
----	---	---	---	---	---





Name: ANSWERS



MISSING NUMBERS

Complete each count-back sequence.

1.

14	13	<u>12</u>	11	10
----	----	-----------	----	----

2.

<u>9</u>	8	7	6	5
----------	---	---	---	---

3.

20	<u>19</u>	18	<u>17</u>	16
----	-----------	----	-----------	----

4.

7	6	<u>5</u>	4	<u>3</u>
---	---	----------	---	----------

5.

12	<u>11</u>	10	9	<u>8</u>
----	-----------	----	---	----------

6.

5	<u>4</u>	3	<u>2</u>	1	0
---	----------	---	----------	---	---

7.

17	16	15	<u>14</u>	13
----	----	----	-----------	----

8.

10	9	<u>8</u>	7	<u>6</u>	5
----	---	----------	---	----------	---



Name: _____



NUMBER BEFORE



Write the number immediately before.

1. _____ comes before 3

2. _____ comes before 7

3. _____ comes before 10

4. _____ comes before 15

5. _____ comes before 20

6. _____ comes before 1

7. _____ comes before 6

8. _____ comes before 13

9. _____ comes before 18

10. _____ comes before 9

11. _____ comes before 12

12. _____ comes before 5

PREVIEW



Name: **ANSWERS**



NUMBER BEFORE



Write the number immediately before.

1. 2 comes before 3

2. 6 comes before 7

3. 9 comes before 10

4. 14 comes before 15

5. 19 comes before 20

6. 0 comes before 1

7. 5 comes before 6

8. 12 comes before 13

9. 17 comes before 18

10. 8 comes before 9

11. 11 comes before 12

12. 4 comes before 5





Name: _____



CHOOSE THE COUNTBACK

Circle the sequence that counts back by one.

1.

A 5, 4, 3, 2

B 5, 6, 7, 8

2.

A 12, 10, 8, 6

B 12, 11, 10, 9

3.

A 8, 7, 6, 5

B 8, 9, 10, 11

4.

A 20, 18, 16, 14

B 20, 19, 18, 17

5.

A 6, 5, 4, 3

B 6, 4, 2, 0

6.

A 10, 11, 12, 13

B 10, 9, 8, 7

7.

A 3, 2, 1, 0

B 3, 1, 0, 2

8.

A 15, 16, 17, 18

B 15, 14, 13, 12





Name: **ANSWERS**



CHOOSE THE COUNTBACK

Circle the sequence that counts back by one.

1.

A 5, 4, 3, 2

B 5, 6, 7, 8

2.

A 12, 10, 8, 6

B 12, 11, 10, 9

3.

A 8, 7, 6, 5

B 8, 9, 10, 11

4.

A 20, 18, 16, 14

B 20, 19, 18, 17

5.

A 6, 5, 4, 3

B 6, 4, 2, 0

6.

A 10, 11, 12, 13

B 10, 9, 8, 7

7.

A 3, 2, 1, 0

B 3, 1, 0, 2

8.

A 15, 16, 17, 18

B 15, 14, 13, 12





Name: _____

MIXED COUNTBACK PRACTICE

A. Fill the gaps.

1. 16, 15, , 13,

2. 9, , 7, , 5

3. 4, 3, , , 0

B. Write the number before.

4. comes before 6

5. comes before 14

6. comes before 2

7. comes before 19

C. Keep counting back.

8. 11, , , , ,

9. 6, , , , , , 0





ANSWERS



Name: _____

MIXED COUNTBACK PRACTICE

A. Fill the gaps.

1. 16, 15, **14**, 13, **12**

2. 9, **8**, 7, **6**, 5

3. 4, 3, **2**, **1**, 0

B. Write the number before.

4. **7** comes before 8

5. **13** comes before 14

6. **1** comes before 2

7. **18** comes before 19

C. Keep counting back.

8. 11, **10**, **9**, **8**, **7**, **6**

9. 6, **5**, **4**, **3**, **2**, **1**, 0





Name: _____

Date: _____



COUNTING BACK CHECK

A. Complete the sequences.

1. 9, 8, _____, 6, _____
2. 15, _____, 13, _____, 11
3. 5, _____, 3, _____, 1, 0

B. Write the number before.

4. _____ comes before 4
5. _____ comes before 10
6. _____ comes before 1
7. _____ comes before 1
8. _____ comes before 2

C. Circle the count-back sequence.

9. **A** 12, 11, 10, 9 **B** 12, 10, 8, 6
10. **A** 6, 7, 8, 9 **B** 6, 5, 4, 3

D. Keep counting back.

11. Start at 18: 18, _____, _____, _____, _____
12. Start at 7: 7, _____, _____, _____, 3

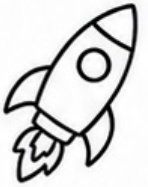


Score: ____ / 12



Name: ANSWERS

Date: _____



COUNTING BACK CHECK

A. Complete the sequences.

1. 9, 8, 7, 6, 5
2. 15, 14, 13, 12, 11
3. 5, 4, 3, 2, 1, 0

B. Write the number before.

4. 3 comes before 4
5. 9 comes before 10
6. 16 comes before 17
7. 0 comes before 1
8. 19 comes before 20

C. Circle the count-back sequence.

9. ☒ A 12, 11, 10, 9 B 12, 10, 8, 6
10. A 6, 7, 8, 9 ☒ B 6, 5, 4, 3

D. Keep counting back.

11. Start at 18: 18, 17, 16, 15, 14
12. Start at 7: 7, 6, 5, 4, 3



Score: ____ / 12



COUNTING BACK TO 0 RUBRIC

Foundation Mathematics • AC9MFN01

Student: _____

Date: _____

CRITERIA	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
1. Counts back by ones	Joins in with full support.	Counts back from small numbers with prompts.	Counts back accurately from familiar starts.	Counts back independently from any start to 20.	Counts back flexibly and explains the pattern.
2. Completes sequences	Needs models to continue a sequence.	Fills some gaps with support.	Completes some sequences.	Completes varied sequences accurately.	Finds and explains errors in sequences.
3. Identifies the number before	Needs a number track and support.	Finds the number before for some numbers to 10.	Finds the number before within 20.	Responds quickly and accurately within 20.	Explains how the number before was found.

Teacher comment: _____

Counting back to 0



Learning Intention

We are learning to count backwards by ones from any number up to 20.

We will also find the number immediately before.



What Is Counting back?

Start at a starting number.

Then say the next smaller numeral each time.

Example: 6, 5, 4, 3, 2, 1, 0.



Follow the Number Track

Read from left to right

10 → 9 → 8 → 7 → 6 → 5 → 4 → 3 → 2 → 1 → 0

Each step moves to the next smaller numeral.



Start Anywhere

Start at 1: 6, 5, 4, 3, 2, 1, 0

Start at 13: 13, 12, 11, 10, 9, 8

Start at 18: 18, 17, 16, 15, 14, 13



The Number Before

The number immediately before is the next smaller numeral.

Before 6 is 5.

Before 12 is 11.

Before 20 is 19.



Keep the Pattern Going

9, 8, 7, 6, 5, 4, 3, 2, 1, 0

Say one less each time.

The missing numbers are 6 and 5.



Find the Missing Number

15, _____, 9, 11

Count back three from the gap.

The missing number is 13.



Move to a Smaller Numeral

Point to the starting numeral.

Move one space to the next smaller numeral.

Say each number as you move.



Listen and Join In

Count back loud.

5, 4, 3, 2, 1, 0

11, 10, 9, 8, 7, 6

20, 19, 18, 17, 16, 15



Finish at Zero

Zero can finish a count back sequence.

3, 2, 1,

Stop when you reach 0.



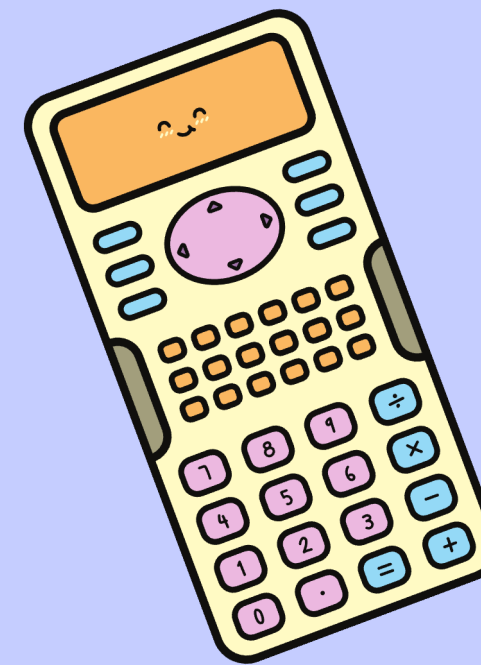
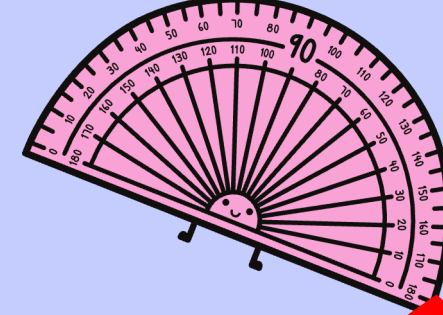
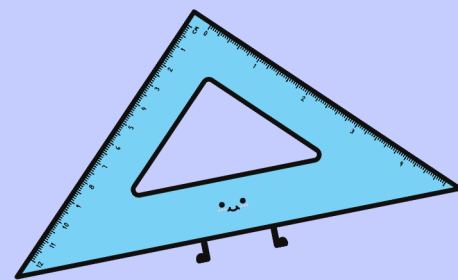
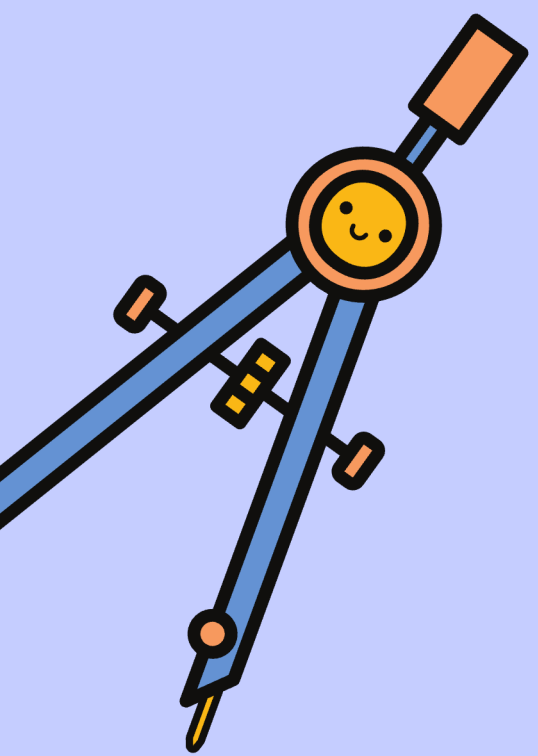
Your Turn

1. Continue 8, 7, _____, _____

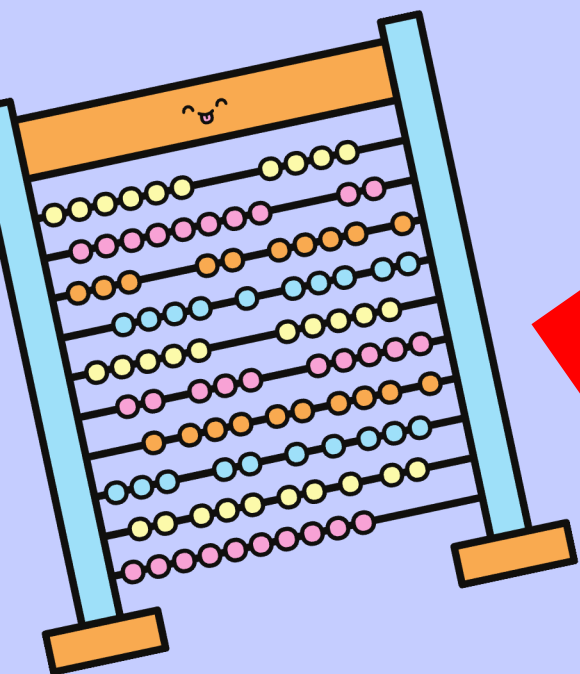
2. Fill the gap. _____, _____, 9

3. What number comes immediately before 17?

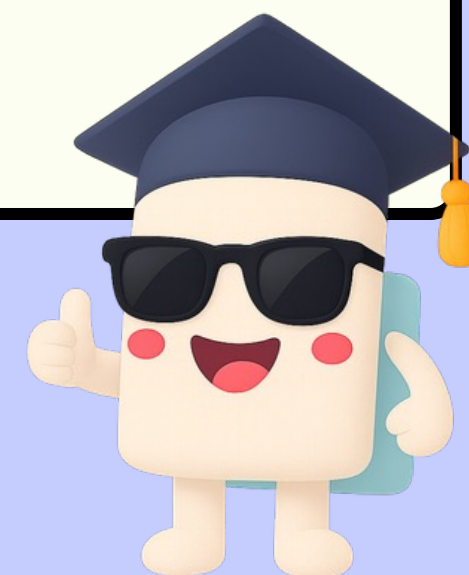
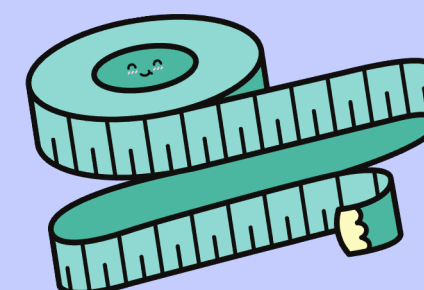
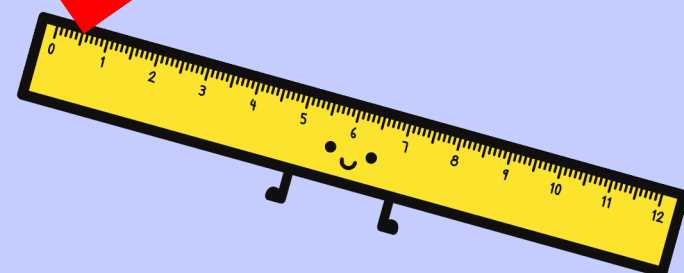




Well Done!



PREVIEW



Counting back to 0 Quiz



Question 1 • Multiple choice

What comes next?

8, 7, 6, 5

A. 3 B. 4 C. 7 D. 9



Answer 1

PREVIEW

8, 7, 6, 5



Question 2 · True or False

12, 11, 10 is counting backwards by ones.
TRUE or FALSE?



Answer 2

11, 10 counts backwards by one.



Question 3 · Short Answer

Write the number immediately before 15.



Answer 3

The number immediately before 15 is 14.



Question 4 • Multiple Choice

Which sequence counts backwards by ones from 6?

A. 6, 7, 8, 9 B. 4, 2, 0

C. 6, 5, 4, 3 D. 6, 6, 5, 4

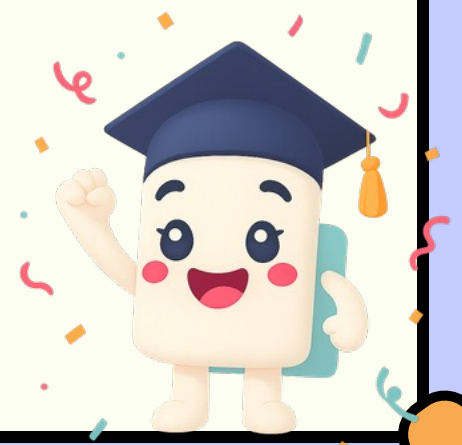


Answer 4

PREVIEW

C. 4,

ch no numeral is one smaller.



Question 5 · Short Answer

Fill in the blank.

10, 9, _____, 7



Answer 5

PREVIEW

10, 9, 8, 7



Question 6 · True or False

The number immediately before 9 is 10.
TRUE or FALSE?



Answer 6

The number immediately before 9 is 8.



Question 7 • Multiple Choice

Start at 18. Which three numbers come next?

A. 18, 19, 20 B. 14, 12

C. 18, 17, 16 D. 17, 16, 15



Answer 7

D. 1, 6, 15, 18, 17, 16, 15



Question 8 · Short Answer

Continue the sequence.

, 3, 2, _____, _____



Answer 8

PREVIEW

4, 3, 2, 1, 0



Question 9 • Multiple Choice

Which number is immediately before 20?

- A. 18 B. 19 C. 20 D. 17



Answer a

The number immediately before 20 is 19.



Question 10 · Short Answer

Fill in the blanks.

, _____, 11, _____, 9

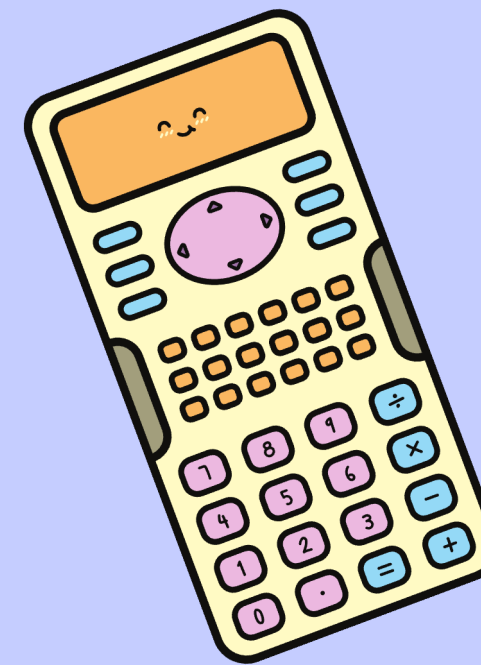
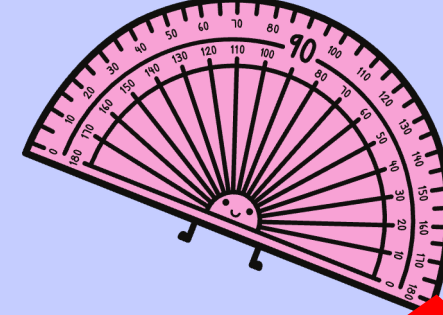
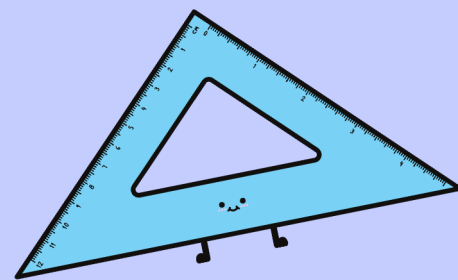
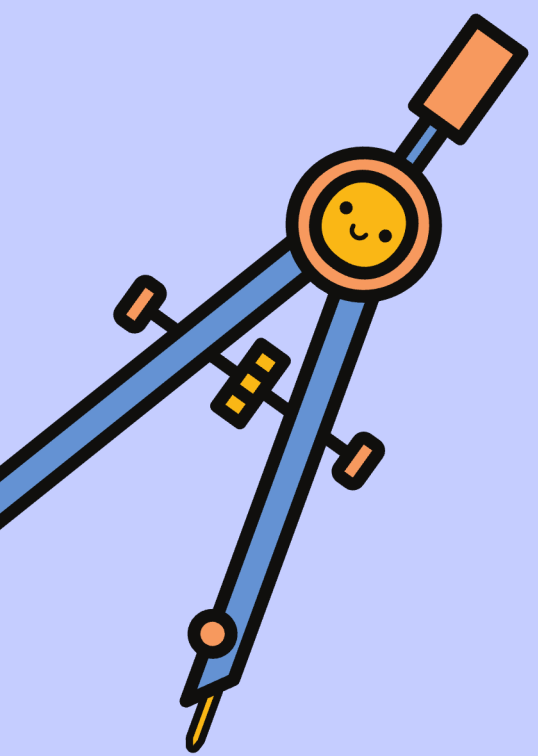


Answer 10

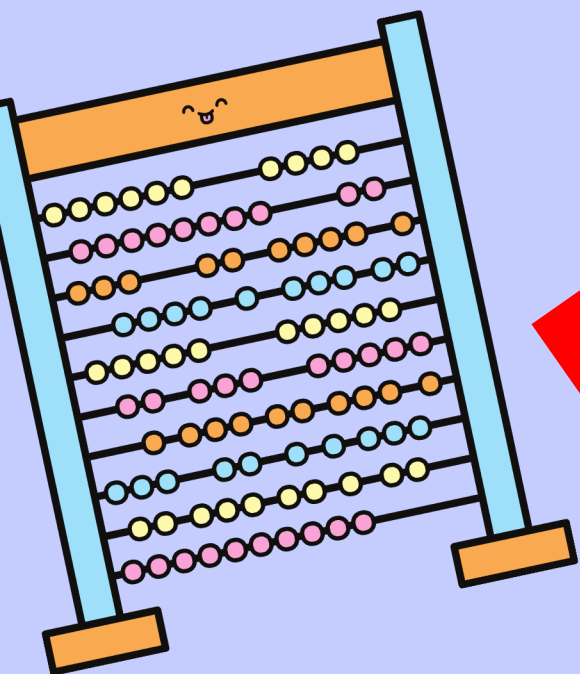
12, 11

13, 12, 11, 10, 9





Well Done!



PREVIEW

