



## Length (Long & Short)

### Year 1 Mathematics - Worksheet 29

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

Date: \_\_\_\_\_

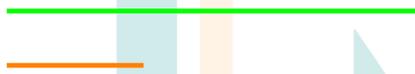
### Section 1: Long and Short

Look at each pair of objects. Circle or answer the questions about length.

1. Circle the longer line:



2. Circle the shorter line:



3. Which pencil is longer? Circle A or B.



4. Which ribbon is shorter? Circle A or B.



5. Draw a line that is shorter than this one:



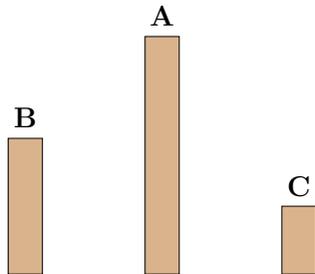




## Section 2: Ordering Length

Look at the objects and put them in order from shortest to longest.

9. Write the letters in order from shortest to tallest:



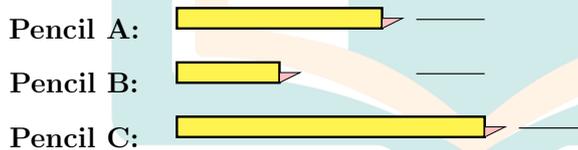
Order (shortest to tallest): \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

10. Write the letters in order from longest to shortest:



Order (longest to shortest): \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

11. Look at these pencils. Number them 1, 2, 3 (1 = shortest):



12. Which is the shortest?

Eraser

Ruler

Crayon

Answer: \_\_\_\_\_

13. Which is the longest?

Table

Phone

Book

Answer: \_\_\_\_\_

14. Order these from shortest to longest: finger, arm, leg

Order: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Long & Short Star!

**Joke Time:** What's the longest word in the dictionary?

"Smiles" - because there's a mile between the first and last letter!





## Section 3: Draw It Challenge

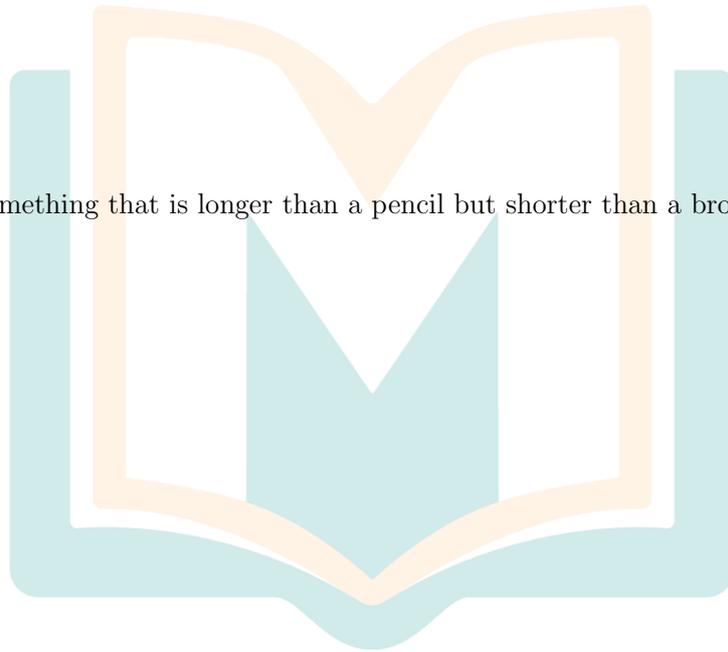
Use your imagination and drawing skills!

15. Draw a line that is about as long as your hand:

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16. Draw a short snake and a long snake:

17. Draw something that is longer than a pencil but shorter than a broom:





18. Draw three lines: short, medium, and long:

19. Circle the object in your classroom that is the longest:

whiteboard

pencil

desk

book

**Measurement Master!**

**Joke Time:** Why can't you trust a measuring tape?

**Because it always stretches the truth!**

1 2 3





## Answer Key

### Year 1 Mathematics - Worksheet 29

#### Section 1: Long and Short

1. Circle the red line (bottom line)
2. Circle the orange line (bottom line)
3. A
4. A
5. Student should draw a line shorter than 7cm
6. Student should draw a line longer than 3cm
7. Snake 1
8. TRUE

#### Section 2: Ordering Length

9. C, A, B
10. C, A, B
11. Pencil A: 2, Pencil B: 1, Pencil C: 3
12. Eraser
13. Table
14. finger, arm, leg

#### Section 3: Draw It Challenge

15. Student's drawing (should be approximately hand length)
16. Student should draw two snakes of different lengths
17. Student's drawing (examples: ruler, book, arm)
18. Student should draw three lines of different lengths
19. whiteboard (or desk - accept either)



## Length (Long & Short)

### Year 1 Mathematics - Worksheet 30

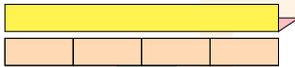
Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Section 1: How Many Blocks?

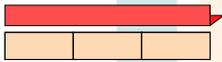
Count the blocks to measure how long each object is.

1. How many blocks long is the pencil?



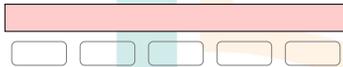
Answer: \_\_\_\_\_ blocks

2. How many blocks long is the crayon?



Answer: \_\_\_\_\_ blocks

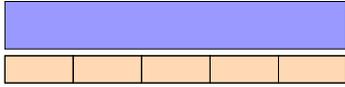
3. How many paperclips long is the eraser?



Answer: \_\_\_\_\_ paperclips



4. How many blocks long is the book?



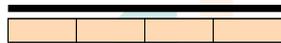
Answer: \_\_\_\_\_ blocks

5. How many hands long is the ruler?



Answer: \_\_\_\_\_ hands

6. Measure this line using the blocks below it:



Answer: \_\_\_\_\_ blocks

**Long & Short Star!**

**Joke Time:** What did the big block say to the little block?

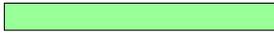
”I’m a-head of you!”

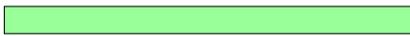


## Section 2: Comparing Measures

Compare the measurements of different objects.

7. Object A is 4 paperclips long. Object B is 6 paperclips long.

A 

B 

Which object is longer? \_\_\_\_\_

How many paperclips longer is it? \_\_\_\_\_

8. The pen is 5 blocks long. The marker is 3 blocks long.

Which is shorter? \_\_\_\_\_

How many blocks shorter? \_\_\_\_\_

9. Pencil A is 7 paperclips long. Pencil B is 7 paperclips long.

Are they the same length? (Circle one)      **YES**      **NO**

10. The table is 10 hands long. The desk is 8 hands long.

Which is longer? \_\_\_\_\_

How much longer? \_\_\_\_\_ hands

11. My book is 4 blocks long. My friend's book is 6 blocks long.

Whose book is longer? \_\_\_\_\_

12. Look at these two ribbons measured in paperclips:

**Ribbon 1:** 

**Ribbon 2:** 

Which ribbon is longer? \_\_\_\_\_

How many paperclips longer? \_\_\_\_\_

### Measurement Master!

**Joke Time:** Why did the paperclip go to school?

**To get attached to learning!**



## Section 3: The Measuring Challenge

Think carefully about these measurement problems!

13. Sam measured his book using big blocks. Emma measured the same book using small blocks. Who will count more blocks?

Answer: \_\_\_\_\_

14. Is it fair to measure one pencil with blocks and another pencil with paperclips and then compare them?

Answer (circle one):        **YES**                **NO**

Why? \_\_\_\_\_

15. Tom says his pencil is 5 blocks long. Lucy says her pencil is 5 hands long. Who has the longer pencil?

Answer: \_\_\_\_\_

Why? \_\_\_\_\_

16. If you measure your desk with large books, would you need more or fewer books than if you used small erasers?

Answer: \_\_\_\_\_ books

17. Circle the best thing to use to measure a pencil:

**paperclips**                **cars**                **houses**                **trees**

18. True or False: We can use our hands to measure things.

Answer (circle one):        **TRUE**                **FALSE**

19. Draw 3 blocks next to this line to show how to measure it:

\_\_\_\_\_

Long & Short Star!

**Joke Time:** What's a snake's favourite subject?

**Hiss-tory!**

1st



## Answer Key

### Year 1 Mathematics - Worksheet 30

#### Section 1: How Many Blocks?

1. 4 blocks
2. 3 blocks
3. 5 paperclips
4. 5 blocks
5. 4 hands
6. 4 blocks

#### Section 2: Comparing Measures

7. Object B, 2 paperclips longer
8. Marker, 2 blocks shorter
9. YES
10. Table, 2 hands
11. My friend's book
12. Ribbon 1, 2 paperclips

#### Section 3: The Measuring Challenge

13. Emma (small blocks mean more blocks needed)
14. NO - Need to use the same unit to compare fairly
15. Lucy (probably) - Hands are usually longer than blocks
16. Fewer
17. paperclips
18. TRUE
19. Student should draw 3 blocks aligned under the line