

**A**

# Correct \_\_\_\_\_

Add or subtract.

1	$8 + 3 =$	11	23	$15 - 6 =$	9
2	$3 + 8 =$	11	24	$15 - 9 =$	6
3	$11 - 3 =$	8	25	$8 + 7 =$	15
4	$11 - 8 =$	3	26	$7 + 8 =$	15
5	$7 + 4 =$	11	27	$15 - 7 =$	8
6	$4 + 7 =$	11	28	$15 - 8 =$	7
7	$11 - 4 =$	7	29	$9 + 4 =$	13
8	$11 - 7 =$	4	30	$4 + 9 =$	13
9	$9 + 3 =$	12	31	$13 - 4 =$	9
10	$3 + 9 =$	12	32	$13 - 9 =$	4
11	$12 - 3 =$	9	33	$8 + 6 =$	14
12	$12 - 9 =$	3	34	$6 + 8 =$	14
13	$8 + 5 =$	13	35	$14 - 6 =$	8
14	$5 + 8 =$	13	36	$14 - 8 =$	6
15	$13 - 5 =$	8	37	$7 + 6 =$	13
16	$13 - 8 =$	5	38	$6 + 7 =$	13
17	$7 + 5 =$	12	39	$13 - 6 =$	7
18	$5 + 7 =$	12	40	$13 - 7 =$	6
19	$12 - 5 =$	7	41	$9 + 7 =$	16
20	$12 - 7 =$	5	42	$7 + 9 =$	16
21	$9 + 6 =$	15	43	$16 - 7 =$	9
22	$6 + 9 =$	15	44	$16 - 9 =$	7

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**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Add or subtract.

1	$9 + 2 =$	11	23	$15 - 7 =$	8
2	$2 + 9 =$	11	24	$15 - 8 =$	7
3	$11 - 2 =$	9	25	$9 + 6 =$	15
4	$11 - 9 =$	2	26	$6 + 9 =$	15
5	$6 + 5 =$	11	27	$15 - 6 =$	9
6	$5 + 6 =$	11	28	$15 - 9 =$	6
7	$11 - 5 =$	6	29	$7 + 5 =$	12
8	$11 - 6 =$	5	30	$5 + 7 =$	12
9	$8 + 4 =$	12	31	$12 - 5 =$	7
10	$4 + 8 =$	12	32	$12 - 7 =$	5
11	$12 - 4 =$	8	33	$9 + 5 =$	14
12	$12 - 8 =$	4	34	$5 + 9 =$	14
13	$7 + 6 =$	13	35	$14 - 5 =$	9
14	$6 + 7 =$	13	36	$14 - 9 =$	5
15	$13 - 6 =$	7	37	$8 + 6 =$	14
16	$13 - 7 =$	6	38	$6 + 8 =$	14
17	$9 + 3 =$	12	39	$14 - 6 =$	8
18	$3 + 9 =$	12	40	$14 - 8 =$	6
19	$12 - 3 =$	9	41	$9 + 8 =$	17
20	$12 - 9 =$	3	42	$8 + 9 =$	17
21	$8 + 7 =$	15	43	$17 - 8 =$	9
22	$7 + 8 =$	15	44	$17 - 9 =$	8

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Name \_\_\_\_\_

Date \_\_\_\_\_

1. Measure 5 things in the classroom with a centimeter ruler. List the five things and their length in centimeters.

Object Name	Length in centimeters
a.	answers will vary
b.	
c.	
d.	
e.	

2. Measure 4 things in the classroom with a meter stick or meter tape. List the four things and their length in meters.

Object Name	Length in meters
a.	answers will vary
b.	
c.	
d.	

3. List 5 things in your house that you would measure with a meter stick or meter tape.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Why would you want to measure those five items with a meter stick or meter tape instead of a centimeter ruler?

They are big and it is more efficient to measure in meters.

4. The distance from the cafeteria to the gym is 14 meters. The distance from the cafeteria to the playground is double the distance. How many times would you need to use a meter stick to measure the distance from the cafeteria to the playground?

Caf → Gym 14m

Caf → Playground 14m | 14m  
?

$$14 + 14 = 28 \text{ times}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Circle centimeter or meter to show which measurement you would use to measure the length of each object.

Length of a train                      cm    or    m

Length of an envelope              cm    or    m

Length of a house                    cm    or    m

2. Would it take more meters or more centimeters to measure the length of playground? Explain your answer.

It would take more cm because  
cm are shorter lengths.

Name \_\_\_\_\_

Date \_\_\_\_\_

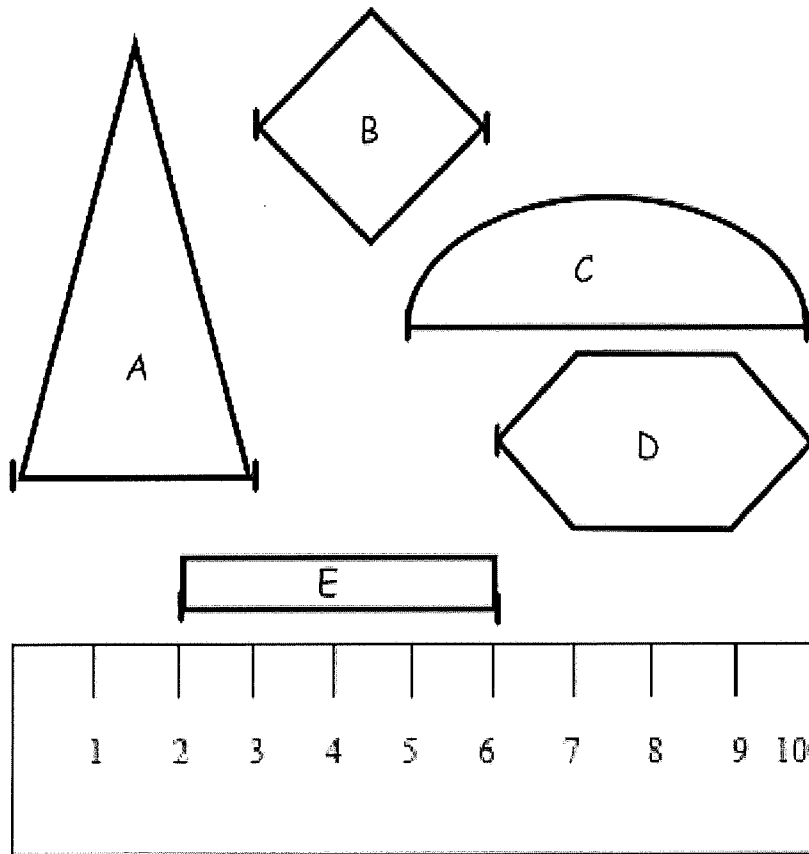
1. Circle cm (centimeter) or m (meter) to show which measurement you would use to measure the length of each object.

- a. Length of a marker      cm or m
- b. Length of a school bus      cm or m
- c. Length of a laptop computer      cm or m
- d. Length of a highlighter marker      cm or m
- e. Length of a football field      cm or m
- f. Length of a parking lot      cm or m
- g. Length of a cell phone      cm or m
- h. Length of a lamp      cm or m
- i. Length of a supermarket      cm or m
- j. Length of a playground      cm or m

2. Fill in the blanks with **cm** or **m**.

- a. The length of a swimming pool is 25 m.
- b. The height of a house is 8 m.
- c. Karen is 6 cm shorter than her sister.
- d. Eric ran 65 m down the street.
- e. The length of a pencil box is 3 cm longer than a pencil.

3. Use a centimeter ruler to find the length (from one hash mark to the next) of each object.



*Adjusted  
Shapes  
and ruler*

- a. Triangle A is 6 cm long.      [Square B is 3 cm long.]  
 Semi-circle C is 3 cm long.      Hexagon D is 4 cm long.  
 Rectangle E is 8 cm long.

*too tired  
to change the  
rhombus I made  
to a square...  
whited it out.*

b. Explain how the strategy to find the length of each shape above is different than how you would find the length if you used a centimeter cube.

*With a ruler you can look at the  
numbers instead of lining up blocks  
and counting.*

Name \_\_\_\_\_

Date \_\_\_\_\_

First estimate the length of each line in centimeters using mental benchmarks.  
Then measure each line with a cm ruler to find the actual length.

1. \_\_\_\_\_

- a. Estimate: 5 cm
- b. Actual length: 6 cm

2. \_\_\_\_\_

← Fixed

- a. Estimate: 15 cm
- b. Actual length: 15 cm

3. \_\_\_\_\_

- a. Estimate: 10 cm
- b. Actual length: 10 cm

4. \_\_\_\_\_

- a. Estimate: 10 cm
- b. Actual length: 8 cm



5. \_\_\_\_\_

- a. Estimate: 5 cm
- b. Actual length: 5 cm

6. Circle the correct unit of measurement for each length estimation.

- a. The height of a door is about 2 (centimeters/meters) tall.  
What benchmark did you use to estimate? answers will vary
- b. The length of a pen is about 10 (centimeters/meters) long.  
What benchmark did you use to estimate? \_\_\_\_\_
- c. The length of a car is about 4 (centimeters/meters) long.  
What benchmark did you use to estimate? \_\_\_\_\_
- d. The length of a bed is about 2 (centimeters/meters) long.  
What benchmark did you use to estimate? \_\_\_\_\_
- e. The length of a dinner plate is about 20 (centimeters/meters) long.  
What benchmark did you use to estimate? \_\_\_\_\_

An unsharpened pencil is about 20 cm long

7. Use an unsharpened pencil to estimate the length of 3 things in your desk.

- a. answer will vary is about \_\_\_\_\_ cm long.
- b. \_\_\_\_\_ is about \_\_\_\_\_ cm long.
- c. \_\_\_\_\_ is about \_\_\_\_\_ cm long.

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Circle the most reasonable estimate for each object.

- a. Length of a push pin      1 cm or 1 m  
b. Length of classroom door      100 cm or 2 m  
c. Length of a pair of students scissors      17 cm or 42 cm

2. Estimate the length of your desk. (Remember that your pinky is about 1 cm.)

My desk is about \_\_\_\_\_ cm long.

3. How does knowing that an unsharpened pencil is about 20 cm long help you estimate the length of your arm from your elbow to your wrist?

I can think about how many  
pencils will fit from my elbow to  
my wrist.

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Name 5 things in your home that you would measure in meters. Estimate their length.

\*Remember the length from a doorknob to the floor is about 1 meter.

Item	Estimated Length
a.	Answers will vary
b.	
c.	
d.	
e.	

2. Choose the best length estimate for each object.

- a. Whiteboard      3 m      or      45 cm
- b. Banana            12 cm      or      20 cm
- c. DVD                25 cm      or      17 cm
- d. Pen                 18 cm      or      1 m
- e. Swimming pool    50m        or      150 cm

3. The width of your pinky finger is about 1 cm.

Measure the length of the lines using your pinky finger. Write your estimation.

*\* answers will vary based on finger width.*

a. Line A \_\_\_\_\_

Line A is about \_\_\_\_\_ cm long.

b. Line B \_\_\_\_\_

Line B is about \_\_\_\_\_ cm long.

c. Line C \_\_\_\_\_

Line C is about \_\_\_\_\_ cm long.

d. Line D \_\_\_\_\_

Line D is about \_\_\_\_\_ cm long.

e. Line E \_\_\_\_\_

Line E is about \_\_\_\_\_ cm long.