

## MEASUREMENT & DIFFERENCE

Measurement Lab • Length, Time, and Money

Objective: Read a measure, then find the difference with the correct unit.

**DO THIS** Read each measure with its unit, then find the difference.

**READ THE MEASURE** Name the unit before you calculate.

**EXAMPLE**



Blue strip is 9 cm.

How much longer than 4 cm?

$$9 - 4 = \underline{5} \text{ cm}$$

**LENGTH DIFFERENCE** Find how much longer, in centimeters.

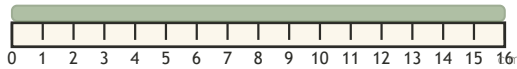
1



How much longer than 12 cm?  $16 - 12 =$

cm

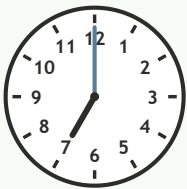
2



How much longer than 14 cm?  $16 - 14 =$

cm

**ELAPSED TIME** Read the clock, then count on the minutes.



It is 7:00. What time is it 45 minutes later?  $7:00 + 45 \text{ min} =$

**MONEY DIFFERENCE** How much change is left? Keep the cent sign.

1

Have 45¢, spend 18¢.

$$45 - 18 = \text{  } \text{¢}$$

2

Have 52¢, spend 41¢.

$$52 - 41 = \text{  } \text{¢}$$

3

Have 24¢, spend 20¢.

$$24 - 20 = \text{  } \text{¢}$$

4

Have 39¢, spend 8¢.

$$39 - 8 = \text{  } \text{¢}$$

5

Have 28¢, spend 15¢.

$$28 - 15 = \text{  } \text{¢}$$

6

Have 63¢, spend 46¢.

$$63 - 46 = \text{  } \text{¢}$$

I kept the unit:  cm  minutes  cents

TEACHER EDITION

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**READ THE MEASURE** Name the unit before you calculate.

EXAMPLE



Blue strip is 9 cm.

How much longer than 4 cm?

$$9 - 4 = \underline{5} \text{ cm}$$

**LENGTH DIFFERENCE** Find how much longer, in centimeters.

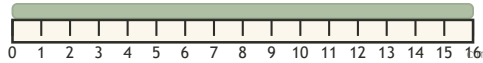
1



How much longer than 12 cm?  $16 - 12 =$

4 cm

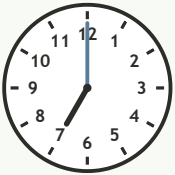
2



How much longer than 14 cm?  $16 - 14 =$

2 cm

**ELAPSED TIME** Read the clock, then count on the minutes.



It is 7:00. What time is it 45 minutes later?  $7:00 + 45 \text{ min} = \underline{7:45}$

**MONEY DIFFERENCE** How much change is left? Keep the cent sign.

1

Have 45¢, spend 18¢.

$$45 - 18 = \underline{27} \text{ ¢}$$

2

Have 52¢, spend 41¢.

$$52 - 41 = \underline{11} \text{ ¢}$$

3

Have 24¢, spend 20¢.

$$24 - 20 = \underline{4} \text{ ¢}$$

4

Have 39¢, spend 8¢.

$$39 - 8 = \underline{31} \text{ ¢}$$

5

Have 28¢, spend 15¢.

$$28 - 15 = \underline{13} \text{ ¢}$$

6

Have 63¢, spend 46¢.

$$63 - 46 = \underline{17} \text{ ¢}$$

**TEACHER NOTES** Answer key & guidance

Answers: length, time and money differences  
Common error: Dropping the unit or misreading the scale

Strategy: Read the scale, subtract, keep the unit  
Prompt: "What unit is this measure in?"

I kept the unit:  cm  minutes  cents