

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



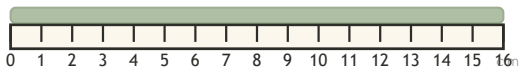
Blue strip is 9 cm.

How much longer than 4 cm?

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

LENGTH DIFFERENCE Find how much longer, in centimeters.

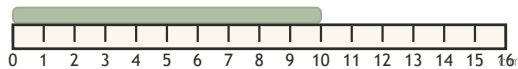
1



How much longer than 10 cm? $16 - 10 =$

cm

2



How much longer than 8 cm? $10 - 8 =$

cm

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



It is 6:15. What time is it 30 minutes later? $6:15 + 30 \text{ min} =$

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

1

Have 50¢, spend 11¢.

$$50 - 11 = \boxed{} \text{¢}$$

2

Have 80¢, spend 15¢.

$$80 - 15 = \boxed{} \text{¢}$$

3

Have 60¢, spend 13¢.

$$60 - 13 = \boxed{} \text{¢}$$

4

Have 33¢, spend 9¢.

$$33 - 9 = \boxed{} \text{¢}$$

5

Have 27¢, spend 20¢.

$$27 - 20 = \boxed{} \text{¢}$$

6

Have 71¢, spend 20¢.

$$71 - 20 = \boxed{} \text{¢}$$

I kept the unit: ☐ cm ☐ minutes ☐ cents

TEACHER EDITION

MEASUREMENT & DIFFERENCE

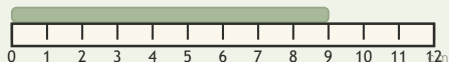
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Objective: Read a measure, then find the difference with the correct unit.

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

READ THE MEASURE Name the unit before you calculate.

EXAMPLE



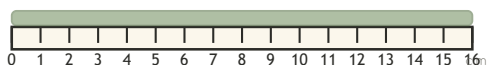
Blue strip is 9 cm.

How much longer than 4 cm?

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

LENGTH DIFFERENCE Find how much longer, in centimeters.

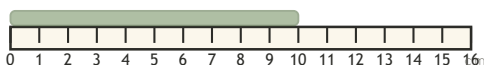
1



How much longer than 10 cm? $16 - 10 =$

6 cm

2



How much longer than 8 cm? $10 - 8 =$

2 cm

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



It is 6:15. What time is it 30 minutes later? $6:15 + 30 \text{ min} = \underline{6:45}$

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

1

Have 50¢, spend 11¢.

$$50 - 11 = \underline{39} \text{ ¢}$$

2

Have 80¢, spend 15¢.

$$80 - 15 = \underline{65} \text{ ¢}$$

3

Have 60¢, spend 13¢.

$$60 - 13 = \underline{47} \text{ ¢}$$

4

Have 33¢, spend 9¢.

$$33 - 9 = \underline{24} \text{ ¢}$$

5

Have 27¢, spend 20¢.

$$27 - 20 = \underline{7} \text{ ¢}$$

6

Have 71¢, spend 20¢.

$$71 - 20 = \underline{51} \text{ ¢}$$

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