

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.

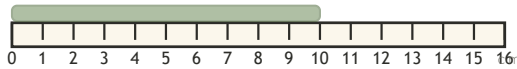
1



How much longer than 3 cm? $16 - 3 =$

cm

2



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

cm

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



It is 1:30. What time is it 30 minutes later? $1:30 + 30 \text{ min} =$

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

1

Have 55¢, spend 10¢.

$$55 - 10 = \text{} \text{¢}$$

2

Have 38¢, spend 30¢.

$$38 - 30 = \text{} \text{¢}$$

3

Have 26¢, spend 21¢.

$$26 - 21 = \text{} \text{¢}$$

4

Have 46¢, spend 34¢.

$$46 - 34 = \text{} \text{¢}$$

5

Have 41¢, spend 13¢.

$$41 - 13 = \text{} \text{¢}$$

6

Have 89¢, spend 34¢.

$$89 - 34 = \text{} \text{¢}$$

I kept the unit: cm minutes cents

TEACHER EDITION

MEASUREMENT & DIFFERENCE

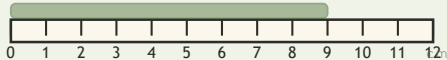
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EXAMPLE



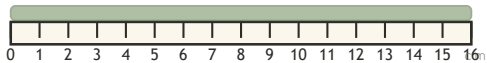
Blue strip is 9 cm.

How much longer than 4 cm?

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

LENGTH DIFFERENCE Find how much longer, in centimeters.

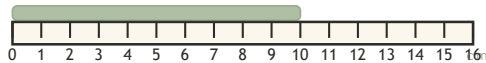
1



How much longer than 3 cm? $16 - 3 =$

cm

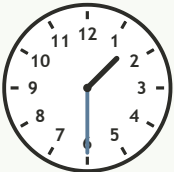
2



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

cm

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



It is 1:30. What time is it 30 minutes later? $1:30 + 30 \text{ min} = \underline{2:00}$

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

1

Have 55¢, spend 10¢.

$$55 - 10 = \underline{45} \text{ ¢}$$

2

Have 38¢, spend 30¢.

$$38 - 30 = \underline{8} \text{ ¢}$$

3

Have 26¢, spend 21¢.

$$26 - 21 = \underline{5} \text{ ¢}$$

4

Have 46¢, spend 34¢.

$$46 - 34 = \underline{12} \text{ ¢}$$

5

Have 41¢, spend 13¢.

$$41 - 13 = \underline{28} \text{ ¢}$$

6

Have 89¢, spend 34¢.

$$89 - 34 = \underline{55} \text{ ¢}$$

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