

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



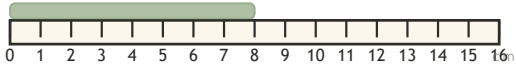
Blue strip is 9 cm.

How much longer than 4 cm?

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

LENGTH DIFFERENCE Find how much longer, in centimeters.

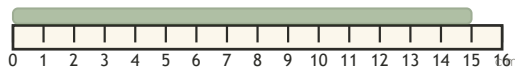
1



How much longer than 3 cm? $8 - 3 = \square$

cm

2



How much longer than 8 cm? $15 - 8 =$

\square cm

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



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

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

1

Have 22¢, spend 20¢.

$$22 - 20 = \square \text{ ¢}$$

2

Have 97¢, spend 69¢.

$$97 - 69 = \square \text{ ¢}$$

3

Have 74¢, spend 12¢.

$$74 - 12 = \square \text{ ¢}$$

4

Have 25¢, spend 5¢.

$$25 - 5 = \square \text{ ¢}$$

5

Have 93¢, spend 91¢.

$$93 - 91 = \square \text{ ¢}$$

6

Have 53¢, spend 25¢.

$$53 - 25 = \square \text{ ¢}$$

I kept the unit: cm minutes cents

TEACHER EDITION

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READ THE MEASURE Name the unit before you calculate.

EXAMPLE



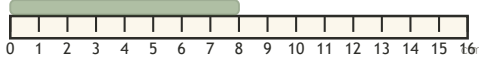
Blue strip is 9 cm.

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 3 cm? $8 - 3 = \underline{5}$

cm

2



How much longer than 8 cm? $15 - 8 =$

$\underline{7}$ 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 22¢, spend 20¢.

$$22 - 20 = \underline{2} \text{ ¢}$$

2

Have 97¢, spend 69¢.

$$97 - 69 = \underline{28} \text{ ¢}$$

3

Have 74¢, spend 12¢.

$$74 - 12 = \underline{62} \text{ ¢}$$

4

Have 25¢, spend 5¢.

$$25 - 5 = \underline{20} \text{ ¢}$$

5

Have 93¢, spend 91¢.

$$93 - 91 = \underline{2} \text{ ¢}$$

6

Have 53¢, spend 25¢.

$$53 - 25 = \underline{28} \text{ ¢}$$

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