

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 2 cm? $9 - 2 =$

cm

2



How much longer than 11 cm?

$$12 - 11 = \text{ cm}$$

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



It is 8:00. What time is it 3 hours later? $8:00 + 3 \text{ hr} =$

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

1

Have 52¢, spend 26¢.

$$52 - 26 = \text{ ¢}$$

2

Have 33¢, spend 12¢.

$$33 - 12 = \text{ ¢}$$

3

Have 35¢, spend 15¢.

$$35 - 15 = \text{ ¢}$$

4

Have 54¢, spend 19¢.

$$54 - 19 = \text{ ¢}$$

5

Have 34¢, spend 26¢.

$$34 - 26 = \text{ ¢}$$

6

Have 49¢, spend 32¢.

$$49 - 32 = \text{ ¢}$$

I kept the unit: cm hours cents

TEACHER EDITION

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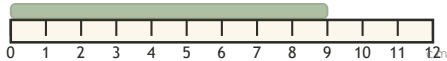
Blue strip is 9 cm.

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LENGTH DIFFERENCE Find how much longer, in centimeters.

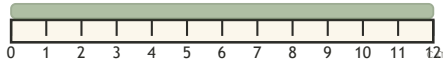
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How much longer than 2 cm? $9 - 2 =$

cm

2



How much longer than 11 cm?

$12 - 11 =$ cm

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



It is 8:00. What time is it 3 hours later? $8:00 + 3 \text{ hr} = \underline{11:00}$

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

1

Have 52¢, spend 26¢.

$$52 - 26 = \underline{26} \text{ ¢}$$

2

Have 33¢, spend 12¢.

$$33 - 12 = \underline{21} \text{ ¢}$$

3

Have 35¢, spend 15¢.

$$35 - 15 = \underline{20} \text{ ¢}$$

4

Have 54¢, spend 19¢.

$$54 - 19 = \underline{35} \text{ ¢}$$

5

Have 34¢, spend 26¢.

$$34 - 26 = \underline{8} \text{ ¢}$$

6

Have 49¢, spend 32¢.

$$49 - 32 = \underline{17} \text{ ¢}$$

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 hours cents