

Name: _____

Centimeters and Millimeters

Part 1: Complete the table.

centimeters	1	3	12	40	145
millimeters					

Part 2: Circle the greater length for each pair.

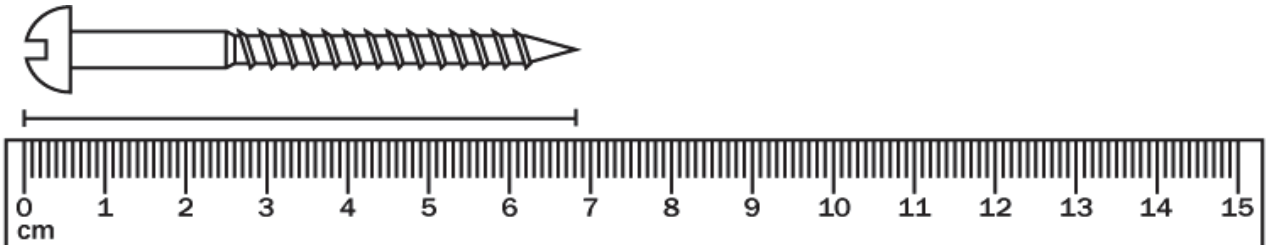
a. 4 cm 45 mm

b. 50 mm 6 cm

c. 800 cm 1,000 mm

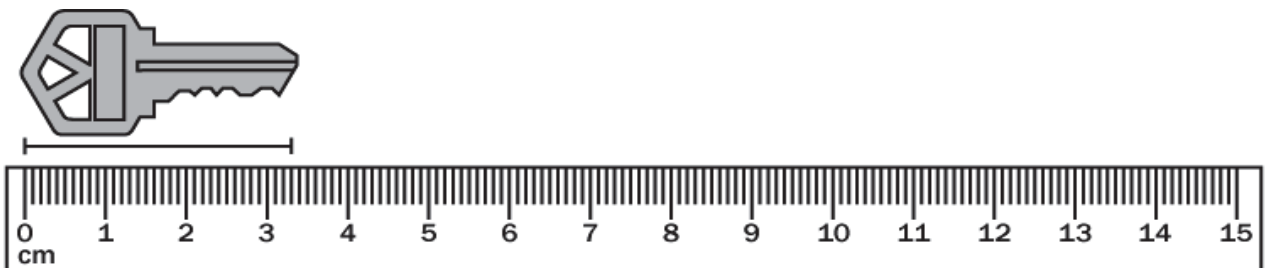
d. 3,200 mm 340 cm

Part 3: Measure to the nearest centimeter and/or nearest millimeter.



nearest cm = _____

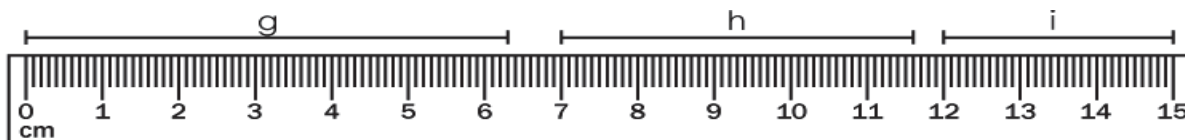
nearest mm = _____



nearest cm = _____

nearest mm = _____

Part 4: Measure the line segments.



Find the length of line segment g to the nearest centimeter. _____

Find the length of line segment h to the nearest centimeter. _____

Find the length of line segment i to the nearest millimeter. _____

Part 5: Choose the best estimate to answer each question.

About how tall is a plastic water bottle?

- a. 20 centimeters b. 20 millimeters
- c. 200 centimeters d. 2,000 millimeters

About how tall is a cereal box?

- a. 300 millimeters b. 300 centimeters
- c. 3 centimeters d. 3,000 millimeters

About how tall is a can of soup?

- a. 12 millimeters b. 120 centimeters
- c. 40 millimeters d. 12 centimeters

Part 6: Word Problems

Arthur's pencil was 14 centimeters long.
How many millimeters long was his pencil? _____

Arthur just sharpened his pencil and now
it is 10 mm smaller. How long is his pencil
now? _____

Samantha has a AA battery that is 51mm
long. About how many centimeters long is it? _____

ANSWER KEY

Centimeters and Millimeters

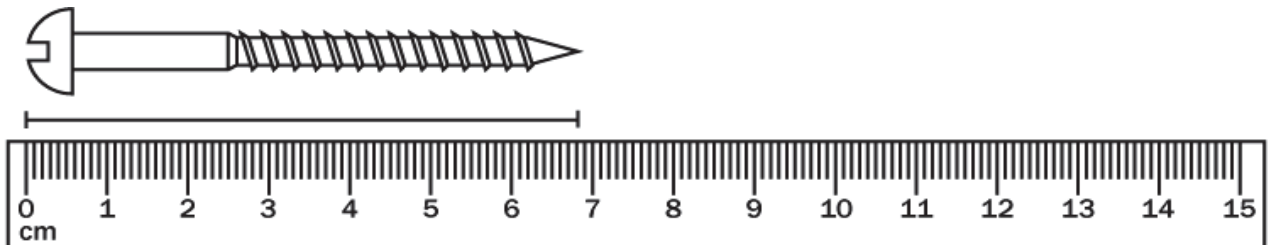
Part 1: Complete the table.

centimeters	1	3	12	40	145
millimeters	10	30	120	400	1,450

Part 2: Circle the greater length for each pair.

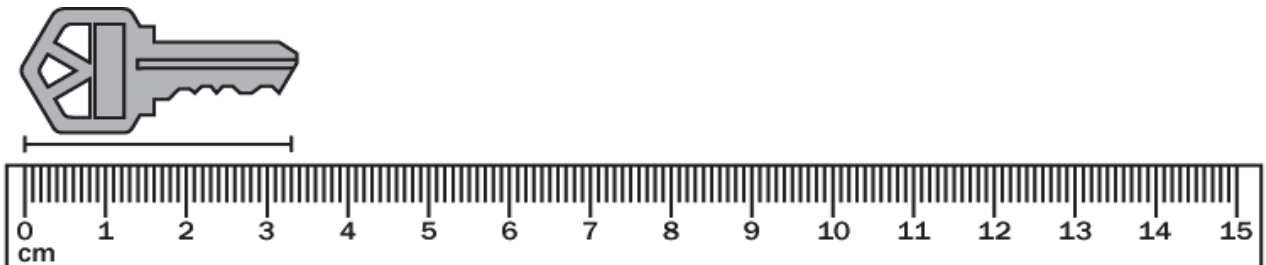
- a. 4 cm 45 mm b. 50 mm 6 cm
c. 800 cm 1,000 mm d. 3,200 mm 340 cm

Part 3: Measure to the nearest centimeter and/or nearest millimeter.



nearest cm = 7cm

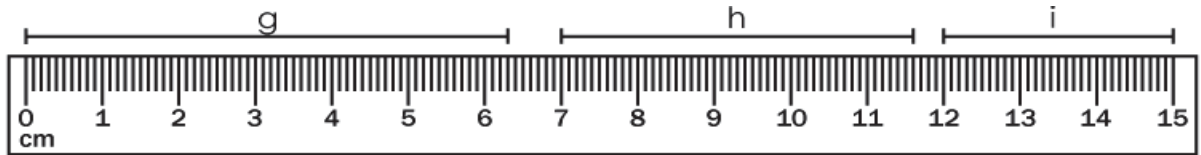
nearest mm = 68 mm



nearest cm = 3cm

nearest mm = 33mm

Part 4: Measure the line segments.



Find the length of line segment g to the nearest centimeter. **6 cm**

Find the length of line segment h to the nearest centimeter. **5 cm**

Find the length of line segment i to the nearest millimeter. **30 mm**

Part 5: Choose the best estimate to answer each question.

About how tall is a plastic water bottle? **a**

- a. **20 centimeters**
- b. 20 millimeters
- c. 200 centimeters
- d. 2,000 millimeters

About how tall is a cereal box? **a**

- a. **300 millimeters**
- b. 300 centimeters
- c. 3 centimeters
- d. 3,000 millimeters

About how tall is a can of soup? **d**

- a. 12 millimeters
- b. 120 centimeters
- c. 40 millimeters
- d. **12 centimeters**

Part 6: Word Problems

Arthur's pencil was 14 centimeters long.
How many millimeters long was his pencil?

140 mm

Arthur just sharpened his pencil and now
it is 10 mm smaller. How long is his pencil
now?

130 mm or 13 cm

Samantha has a AA battery that is 51mm
long. About how many centimeters long is it?

5 cm