

Handout

Reinforcement

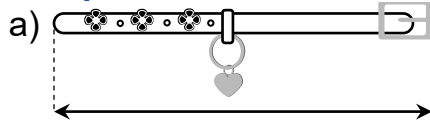
3 - 1
Section 15

Units of Measure for Length – Perimeter

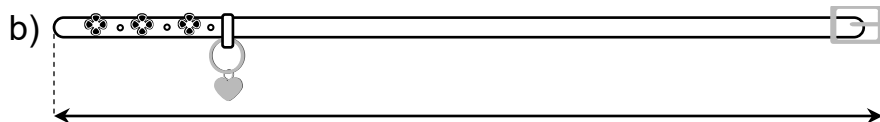
**ANSWER
KEY**

1. Measure the length of each collar. Remember to write the unit of measure (mm, cm, dm or m).

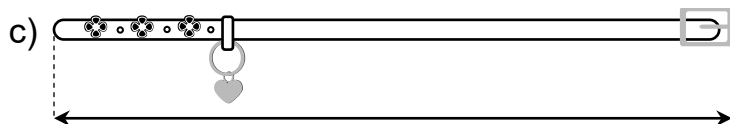
Sample answers:



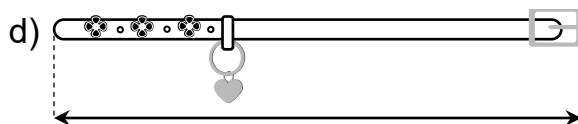
5 cm



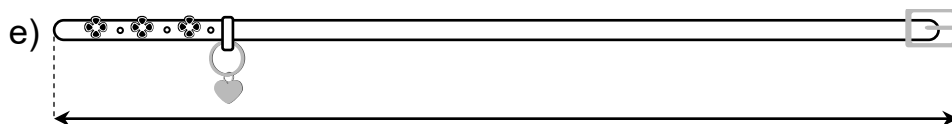
11 cm



9 cm



7 cm



12 cm

2. Circle the most appropriate unit for measuring each of the following objects.

a) The length of a swimming pool

mm cm dm **m**

b) The width of a desk

mm cm **dm** m

c) The height of a school bus

mm cm dm **m**

d) The width of a pencil

mm cm dm m

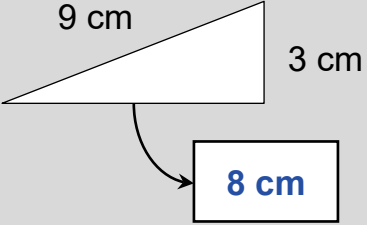
3. Convert each measurement to the unit indicated.

- a) 54 cm → 540 mm b) 23 dm → 2.3 m
- c) 2 cm → 20 mm d) 4 m → 400 cm
- e) 5.4 dm → 540 mm f) 347 mm → 3.47 dm

Use a table if you need to.

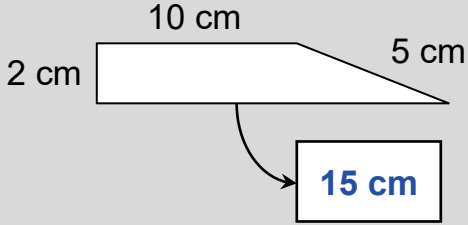
m	dm	cm	mm

4. Find the missing measurement in each figure without using a ruler.

a) 

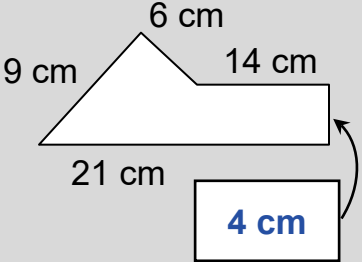
Perimeter: 20 cm

$9 + 3 = 12$
 $20 - 12 = 8$

b) 

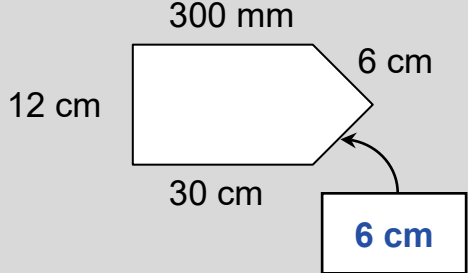
Perimeter: 32 cm

$2 + 10 = 12$
 $12 + 5 = 17$
 $32 - 17 = 15$

c) 

Perimeter: 54 cm

$9 + 6 = 15$
 $15 + 14 = 29$
 $29 + 21 = 50$
 $54 - 50 = 4$

d) 

Perimeter: 84 cm

$300 \text{ mm} = 30 \text{ cm}$
 $12 + 30 = 42$
 $42 + 6 = 48$
 $48 + 30 = 78$
 $84 - 78 = 6$