

Worksheet 2015-6EN-00002

PERIMETER

Use formulas to calculate the perimeter

(1)



4 x length



(2 x length) + (2 x width)
or
2 x (length + width)

NOT ACCORDING TO
SCALE

(2) Calculate the perimeter by using the correct formulas.

(a) Square



8 cm

$$\text{Perimeter} = 4 \times \text{length}$$

$$= 4 \times 8 \text{ cm}$$

$$= 32 \text{ cm}$$

(b) Rectangle

6 cm

3 cm



$$\text{Perimeter} = 2 \times \text{length} + 2 \times \text{width}$$

$$= 2 \times 6 \text{ cm} + 2 \times 3 \text{ cm}$$

$$= 12 \text{ cm} + 6 \text{ cm}$$

$$= 18 \text{ cm}$$

(c) Square

36 cm



$$\text{Perimeter} = 4 \times \text{length}$$

$$= 4 \times 36 \text{ cm}$$

$$= 144 \text{ cm}$$

(c) Square

45 mm



$$\text{Perimeter} = 4 \times \text{length}$$

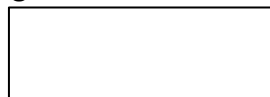
$$= 4 \times 45 \text{ cm}$$

$$= 180 \text{ cm}$$

(d) Rectangle

13 cm

7 cm



$$\text{Perimeter} = 2 \times \text{length} + 2 \times \text{width}$$

$$= 2 \times 13 \text{ cm} + 2 \times 7 \text{ cm}$$

$$= 26 \text{ cm} + 14 \text{ cm}$$

$$= 40 \text{ cm}$$

(e) Square

25 mm

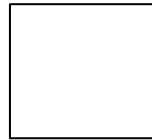


$$\text{Perimeter} = 4 \times \text{length}$$

$$= 4 \times 25 \text{ cm}$$

$$= 100 \text{ cm}$$

(f) Square



2,5 m

$$\text{Perimeter} = 4 \times \text{length}$$

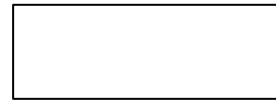
$$= 4 \times 2,5 \text{ cm}$$

$$= 10 \text{ cm}$$

(g) Rectangle

4,5 cm

2 cm



$$\text{Perimeter} = 2 \times \text{length} + 2 \times \text{width}$$

$$= 2 \times 2 \text{ cm} + 2 \times 4,5 \text{ cm}$$

$$= 4 \text{ cm} + 9 \text{ cm}$$

$$= 13 \text{ cm}$$

(h) Square

0,5 cm



$$\text{Perimeter} = 4 \times \text{length}$$

$$= 4 \times 0,5 \text{ cm}$$

$$= 2 \text{ cm}$$

(i) Square

16 mm



$$\text{Perimeter} = 4 \times \text{length}$$

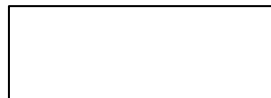
$$= 4 \times 16 \text{ mm}$$

$$= 64 \text{ mm}$$

(j) Rectangle

43 mm

4 cm



$$\text{Perimeter} = 2 \times \text{length} + 2 \times \text{width}$$

$$= 2 \times 43 \text{ mm} + 2 \times 40 \text{ mm}$$

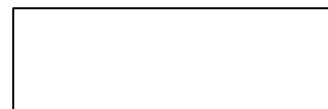
$$= 86 \text{ mm} + 80 \text{ mm}$$

$$= 166 \text{ mm}$$

(k) Square

35 mm

3 cm



$$\text{Perimeter} = 2 \times \text{length} + 2 \times \text{width}$$

$$= 2 \times 35 \text{ mm} + 2 \times 30 \text{ mm}$$

$$= 70 \text{ mm} + 60 \text{ mm}$$

$$= 130 \text{ mm}$$