



## PERIMETER OF A RECTANGLE CHALLENGES 3

Work out the perimeter of the following rectangles.

- 1) A rectangle measuring 25 cm by 30 cm. Perimeter = \_\_\_\_\_ cm
- 2) A square with side 70 cm. Perimeter = \_\_\_\_\_
- 3) A rectangle with sides 15mm and 8mm. Perimeter = \_\_\_\_\_
- 4) A square with sides of  $3\frac{1}{2}$  m. Perimeter = \_\_\_\_\_
- 5) A rectangle with sides  $5\frac{1}{2}$  cm and 7 cm. Perimeter = \_\_\_\_\_
- 6) A rectangle with sides  $2\frac{1}{4}$  m and  $1\frac{3}{4}$  m. Perimeter = \_\_\_\_\_
- 7) A rectangle with sides 3.2cm and 1.4cm. Perimeter = \_\_\_\_\_
- 8) A square with sides of 4.2 m. Perimeter = \_\_\_\_\_

Find the missing side length in the following rectangles.

- 9) A rectangle with perimeter 1 m and one of the sides is 35cm. Missing side = \_\_\_\_\_ cm
- 10) A square with perimeter of 10 cm. Side length = \_\_\_\_\_
- 11) A rectangle with perimeter of 15 cm and a side of  $3\frac{1}{2}$  cm. Missing side = \_\_\_\_\_
- 12) A square with perimeter of 5 m. Side length = \_\_\_\_\_





## PERIMETER OF A RECTANGLE CHALLENGES 3 ANSWERS

*Work out the perimeter of the following rectangles.*

- 1) A rectangle measuring 25 cm by 30 cm. Perimeter = 110 cm
- 2) A square with side 70 cm. Perimeter = 280 cm
- 3) A rectangle with sides 15mm and 8mm. Perimeter = 46 mm
- 4) A square with sides of  $3\frac{1}{2}$  m. Perimeter = 14 m
- 5) A rectangle with sides  $5\frac{1}{2}$  cm and 7 cm. Perimeter = 25 cm
- 6) A rectangle with sides  $2\frac{1}{4}$  m and  $1\frac{3}{4}$  m. Perimeter = 8 m
- 7) A rectangle with sides 3.2cm and 1.4cm. Perimeter = 9.2 cm
- 8) A square with sides of 4.2 m. Perimeter = 16.8 m

*Find the missing side length in the following rectangles.*

- 9) A rectangle with perimeter 1 m and one of the sides is 35cm. Missing side = 15 cm
- 10) A square with perimeter of 10 cm. Side length =  $2\frac{1}{2}$  cm
- 11) A rectangle with perimeter of 15 cm and a side of  $3\frac{1}{2}$  cm. Missing side = 4 cm  
Side length =  $1\frac{1}{4}$  m  
(or 1.25 m)
- 12) A square with perimeter of 5 m.