

# Year 7 Class 22 questions

**Q1**

Complete the conversion.

$$0.46 \text{ km} = \boxed{\phantom{000}} \text{ m} \quad \boxed{460 \text{ m}}$$

**Q2**

How many millimetres in 0.6 centimetres?

$$\boxed{\phantom{000}} \quad \boxed{6}$$

**Q3**

Complete the conversion.

$$52 \text{ cm} = \boxed{\phantom{000}} \text{ m} \quad \boxed{0.52 \text{ m}}$$

**Q4**

Complete the conversion.

$$860 \text{ m} = \boxed{\phantom{000}} \text{ km} \quad \boxed{0.86 \text{ km}}$$

**Q5**

The perimeter of a square is 28 cm.

What is the side length?

$$\boxed{\phantom{000}} \text{ cm} \quad \boxed{7 \text{ cm}}$$

**Q6**

Ben jogs 3 laps of a basketball court that is 25 m by 15 m. How far does he jog?

$$\boxed{\phantom{000}} \text{ m} \quad \boxed{240 \text{ m}}$$

**Q7**

Complete the conversion.

$$6 \text{ m} = \boxed{\phantom{0000}} \text{ mm} \quad \boxed{6000 \text{ mm}}$$

**Q8**

To convert 5 kilometres into metres we would:

$$\rightarrow \times 1000 \quad \times 100 \quad \times 10 \quad \div 1000$$

**Q9**

To convert 3.2 metres into millimetres we would:

$$\times 100 \quad \div 1000 \rightarrow \times 1000 \quad \div 100$$

**Q10**

Complete the conversion.

$$25700 \text{ m} = \boxed{\phantom{000}} \text{ km} \quad \boxed{25.7 \text{ km}}$$

**Q11**

How many centimetres in 8 millimetres?

$$\boxed{\phantom{000}} \quad \boxed{0.8}$$

**Q12**

How many metres in 2750 centimetres?

$$\boxed{\phantom{000}} \quad \boxed{27.5}$$

**Q13**

The perimeter of a regular octagon is 96 cm.

What is the side length?

$$\boxed{\phantom{000}} \text{ cm} \quad \boxed{12 \text{ cm}}$$

**Q14**

The perimeter of a rectangle is 56 cm.  
The length of the rectangle is 16 cm.

What is its width?

cm **12 cm**

**Q15**

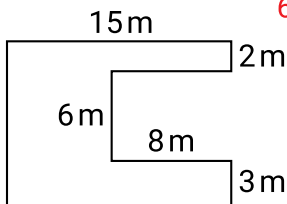
The perimeter of a rectangle is 98 cm.  
The length of the rectangle is 25 cm.

What is its width?

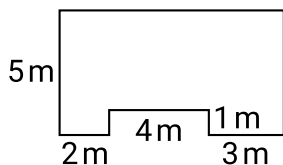
cm **24 cm**

**Q16**

Find the perimeter.  m  
**68**

**Q17**

Find the perimeter.  m  
**30**

**Q18**

The perimeter of a rectangle is 32 cm.  
The width of the rectangle is 7 cm.  
What is its length?

cm **9 cm**

**Q19**

How many millimetres in 1.24 metres?

**1240**

**Q20**

Clara has 3 pieces of timber. Their lengths are 5.4 m, 3200 mm and 270 cm.

What is the total length of the 3 pieces in millimetres?

mm **11300 mm**

**Q21**

Mia has 3 pieces of timber. Their lengths are 2400 mm, 5.4 m and 360 cm.

What is the total length of the 3 pieces in metres?

m **11.4 m**

**Q22**

Ali has a 5400 mm length of timber. He cuts it into 3 equal lengths.

What is the length of each piece of timber in metres?

m **1.8 m**

**Q23**

Ivy has 3 pieces of timber which are 3.2 m, 150 cm and 2400 mm in length.

What is the combined length of the 3 pieces of timber in metres?

m **7.1 m**

**Q24**

Zac has 3 pieces of wire which are 5400 mm, 240 cm and 12.4 m in length.

What is the combined length of the 3 pieces of wire in metres?

m **20.2 m**

**Q25**

The perimeter of a kite is 68 cm.  
The shorter sides are 16 cm.

Find the length of the longer sides.

cm **18 cm**

**Q26**

The perimeter of a parallelogram is 28 m.  
The longer sides are 8 m.

Find the length of the shorter sides.

m **6 m**

**Q27**

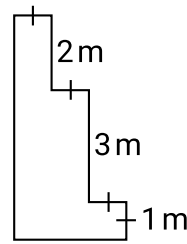
The perimeter of a parallelogram is 3.4 m.  
The shorter sides are 72 cm.

Find the length of the longer sides.

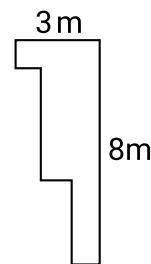
cm **98 cm**

**Q28**

Find the perimeter.  m  
**18**

**Q29**

Find the perimeter.  m  
**22**

**Q30**

Find the perimeter.  m  
**18.8**

