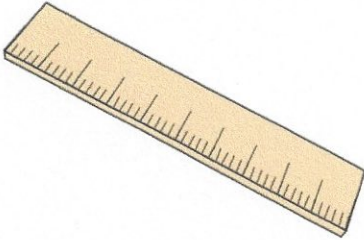


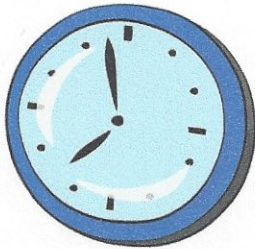
Primary Practice Questions



Corbettmaths



Area of a Triangle



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

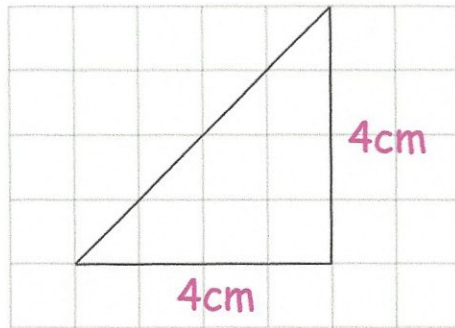
Recap



Remember

- There are daily questions found at
www.corbettmaths.com/5-a-day/primary

1. Work out the area of this triangle



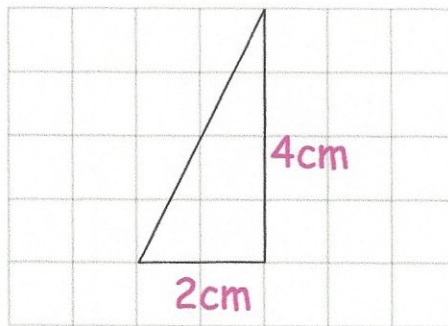
$$\frac{1}{2} \text{ base} \times \text{height}$$

$$4 \times 4 = 16$$

$$16 \div 2 = 8$$

8 cm²

2. Work out the area of this triangle



$$2 \times 4 = 8$$

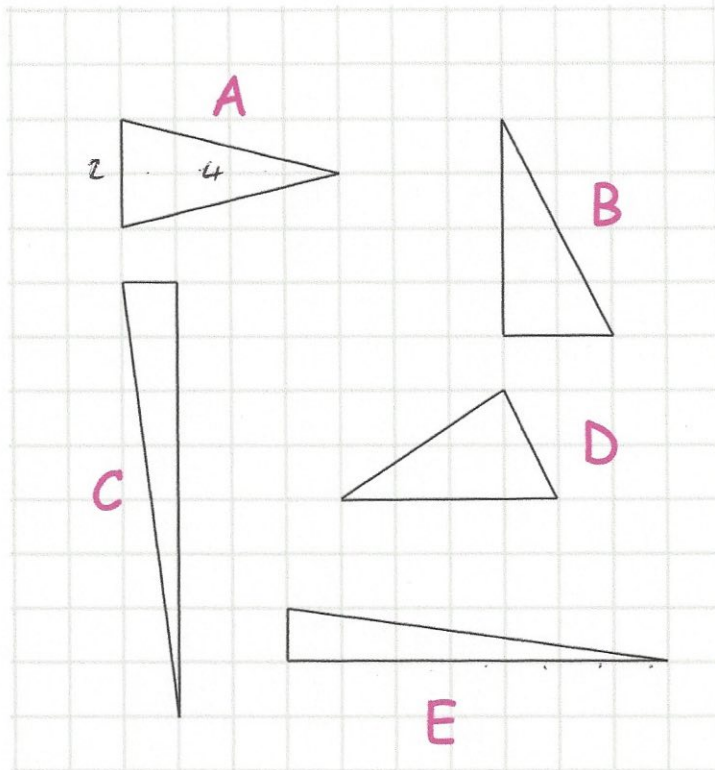
$$8 \div 2 = 4$$

4 cm²

3. Here are five triangles on a square grid.

$$\begin{array}{r} A \\ \hline 2 \times 4 = 8 \\ 8 \div 2 = 4 \end{array}$$

$$\begin{array}{r} C \\ \hline 1 \times 8 = 8 \\ 8 \div 2 = 4 \end{array}$$



$$\begin{array}{r} B \\ \hline 2 \times 4 = 8 \\ 8 \div 2 = 4 \end{array}$$

$$\begin{array}{r} D \\ \hline 4 \times 2 = 8 \\ 8 \div 2 = 4 \end{array}$$

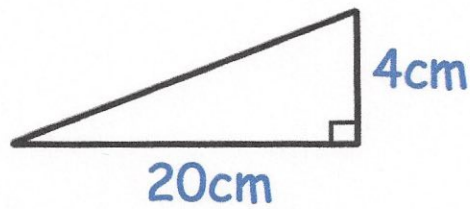
$$\begin{array}{r} E \\ \hline 1 \times 7 = 7 \\ 7 \div 2 = 3.5 \end{array}$$

Four of the triangles have the same area

Which triangle has a different area?

E

4. Work out the area of this triangle

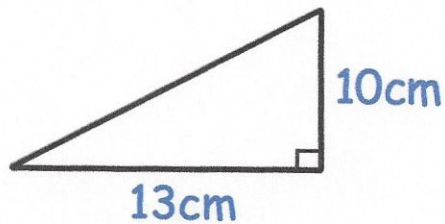


$$20 \times 4 = 80$$

$$80 \div 2 = 40$$

40 cm²

5. Work out the area of this triangle

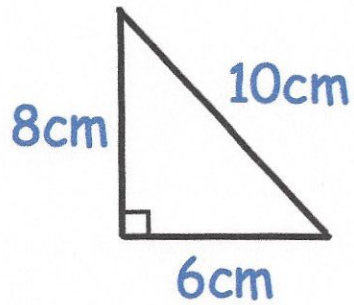


$$13 \times 10 = 130$$

$$130 \div 2 = 65$$

65 cm²

6. Work out the area of this triangle

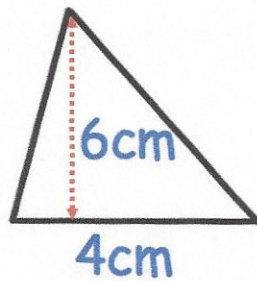


$$6 \times 8 = 48$$

$$48 \div 2 = 24$$

24 cm²

7. Work out the area of this triangle

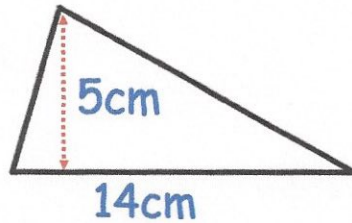


$$4 \times 6 = 24$$

$$24 \div 2 = 12$$

12 cm²

8. Work out the area of this triangle

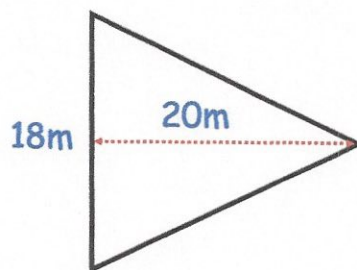


$$14 \times 5 = 70$$

$$70 \div 2 = 35$$

35 cm²

9. Work out the area of this triangle

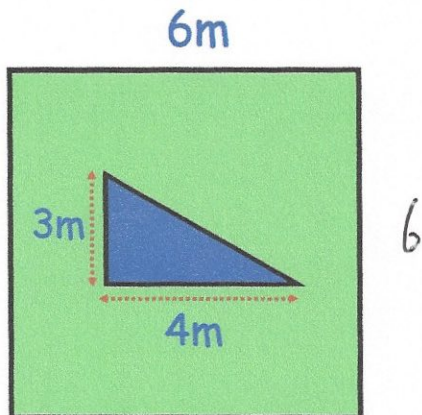


$$18 \times 20 = 360$$

$$360 \div 2 = 180$$

180 m²

10. Thomas has a square garden with a triangular pond.



Find the area of the garden that is grass

Square

$$6 \times 6 = 36 \text{ m}^2$$

Triangle

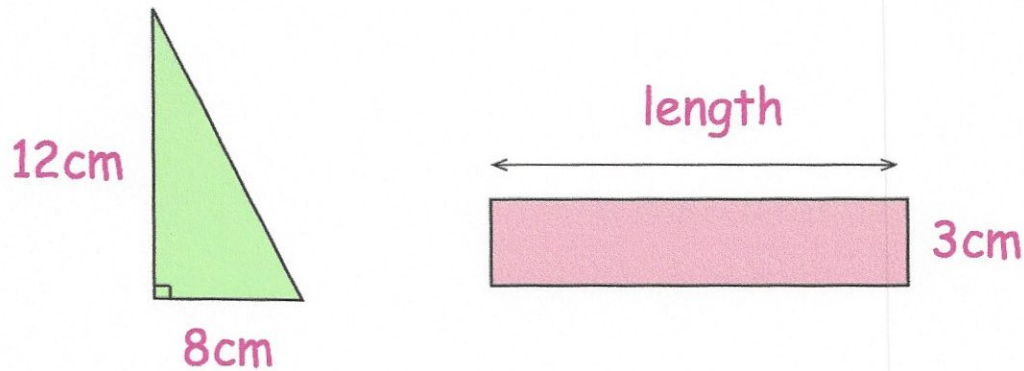
$$3 \times 4 = 12$$

$$12 \div 2 = 6 \text{ m}^2$$

$$36 - 6 = 30$$

30 m²

11. Here is a right-angled triangle and a rectangle.



The area of the triangle is equal to the area of the rectangle.

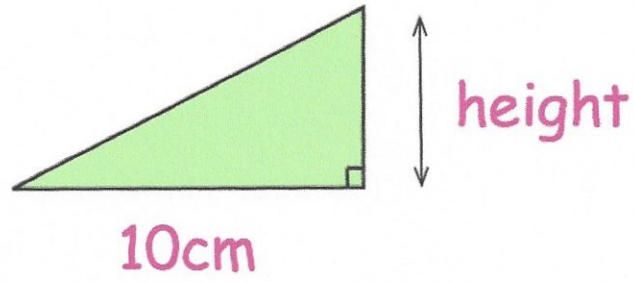
Work out the length of the rectangle

Triangle $12 \times 8 = 96$
 $96 \div 2 = 48 \text{ cm}^2$

$$48 \div 3 = 16 \text{ cm}$$

16 cm

12. The area of the triangle is 30cm^2



Work out the height of the triangle

$$30 \times 2 = 60$$

$$60 \div 10 = 6$$

6	cm
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