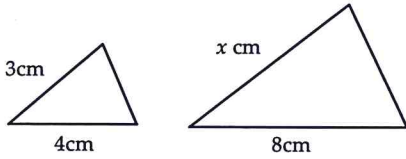
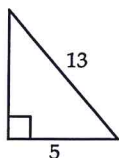


Quick Revision Sheet 8

- Given that $w = 5t$,
 - calculate w when $t = 0$ **E** _____
 - calculate the value of t for which $w = 15$ **E** _____
 - express t in terms of w **D** _____
 - calculate the value of t for which $w = t + 2$ **C** _____
- Factorise $5n + 55m$ **D** _____
- Solve the simultaneous equations
 $x + y = 11$ and $3x - y = 13$ **C** _____
- Work out 856×11 rounding to the nearest 1000 **E** _____
- The measurement of a length is written as 6cm correct to the nearest centimetre. Write down the largest possible value for this measurement. **D** _____
- Solve the inequality $3x - 2 < 4$ and represent your answer on a number line **C** _____
- Shown below are two similar triangles. The smaller triangle is enlarged by a factor 2. Write down the length of the side marked x . **D** _____

- Given that $x = 64$,
 - Find \sqrt{x} **E** _____
 - Find $\frac{1}{\sqrt{x}}$ as a decimal **D** _____
- Write 2083 to 3 significant figures. **D** _____
- Solve the equation $6(x + 7) - 5x = 40$ **C** _____
- Calculate $(73)^2 - (27)^2$ **D** _____
- What is the LCM of 8 and 12? **D** _____
- Calculate the interior angle of a regular pentagon **C** _____

14. Calculate the area of the triangle



C _____

15. Find the next term in the sequence 2, 5, 8, 11, ...

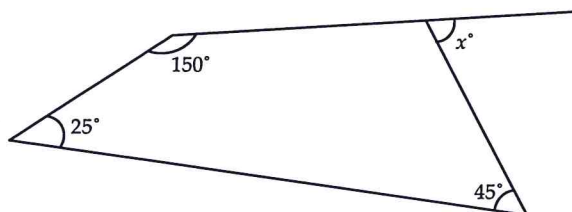
D _____

16. Find the median of the set of numbers 6, 8, 10, 12

D _____

17. Find x

D _____



18. Shape A is enlarged by a scale factor 3. The area of A is 10 square units. What is the area of the enlarged shape?

C _____

19. Shakira, Thamina and Libby share £60 in the ratio 3:4:5. How much did Libby receive?

C _____

20. In a circle, a chord AB is drawn. The perpendicular bisector of the chord is then constructed. What is the missing words (two) in the following statement?
"The perpendicular bisector and the chord meet at _____."

D _____