
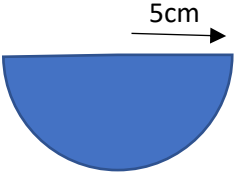


YEAR 11 HOMEWORK – 6T


Complete the questions in each box. Make sure that you show all of your workings


1. Change 4.25 metres into centimetres.	2. $7 - 2 \times 3 + 5$
3. Solve $4x = 40$	4. Here are four numbers. -5 -3 3 5 Write one number in each box to make a <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 10px;"></div> <div style="margin: 0 10px;">+</div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 10px;"></div> <div>= 0</div> </div>

5. Here are the first four terms of a number sequence. 20, 17, 14, 11, ... Write the next 2 terms.	6. Round 5.276 to 1 decimal place
7. Write down the order of rotational symmetry: 	8. Find the area using $A = \pi r^2$ 
9. The test scores of 15 students are shown. Draw a stem and leaf diagram 41, 49, 16, 23, 28, 32, 17, 32, 22, 27, 16, 20, 38, 45, 25	10. Write down all the factors of 30

11. Simplify:
 $K^2 + 3K^2 + 7$

12. Use the formula $P = b^2 - 4ac$ to work out P when $a = 1$ $b = 4$ and $c = -2$

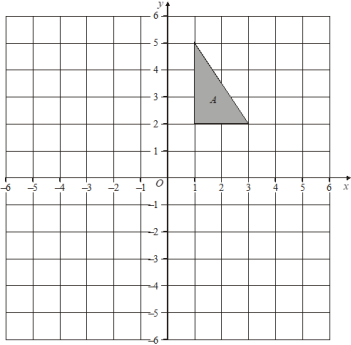
13. Name the shape:


14. Write an expression for the perimeter





15. Complete this table of values for $y = 3x - 4$

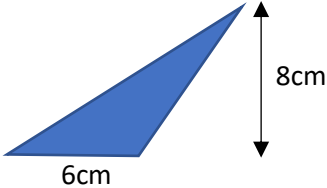
x	-1	0	1	2	3
y					

16. An object moves at 5 m/s for 2 minutes. How far does it travel?

17. Reflect the triangle in the line $X = -1$


18. Which shampoo is best value?

Small	Medium	Large
		
100ml	300ml	$\frac{1}{2}$ litre
79p	£1.99	£3.49

19. Work out the area of the triangle


20. Find 12% of 150

WWW	
EBI 1	
EBI 2	