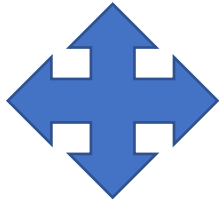
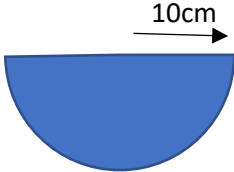


YEAR 11 HOMEWORK – 5T

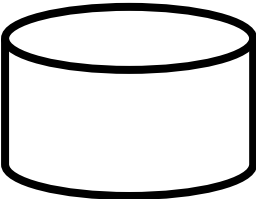
Complete the questions in each box. Make sure that you show all of your workings


1. Change 50 cm into metres.	2. $5 \times 6 - 8 \div 2$
3. Solve $4x = 16$	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: 5px;"></div> <div style="margin: 0 10px;">+</div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 10px;"></div> <div>= -8</div> </div>

5. Here are the first four terms of a number sequence. 8, 9.5, 11, 12.5, ... Write the next 2 terms.	6. Round 7253 to the nearest 100
7. Write down the order of rotational symmetry: 	8. Find the area using $A = \pi r^2$ 
9. Prya records the speed of 15 model cars (m/s). Draw a stem and leaf diagram 2.0, 0.5, 1.3, 2.3, 3.4, 0.5, 1.7, 0.2, 2.6, 1.8, 1.3, 3.2, 1.9, 1.6, 0.1	10. Write down all the factors of 24

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

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

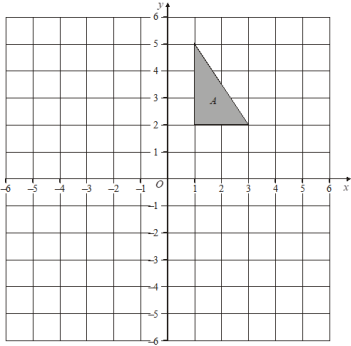
13. Name the shape:


14. Write an expression for the perimeter


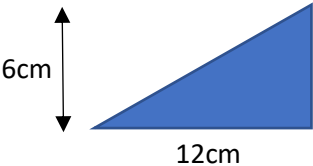
15. Complete this table of values for $y = 4x - 3$

x	-1	0	1	2	3
y					

16. Bob drives at 80 km/h for 2 hours 45 minutes. How far does he drive?

17. Reflect the triangle in the line $y = 1$


18. A pack of 77 cakes costs £8.26. In a different shop, a pack of 44 cakes costs £5.00. Which pack is better value?

19. Work out the area of the triangle


20. Find 35% of 40

WWW	
EBI 1	
EBI 2	