

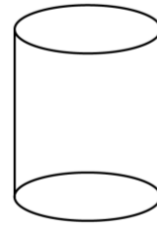
MATHS TEACHER HUB
GCSE Foundation revision sheet - 6

1. Solve

$$k - 5 = 2$$

.....

2. How many edges does a cylinder have?



.....

3. Work out $948 \div 6$

.....

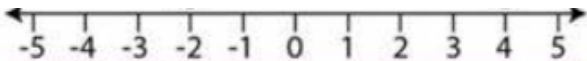
4. Order these in ascending order

0.502 0.2 0.52 0.25

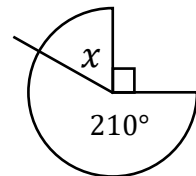
.....

5. Draw this inequality on the number line

$$y < 3$$



6. Work out x



Give a reason for your answer

.....

7. $r = -5, t = 3$

$$2r^2 - t$$

.....

8. Factorise

$$x^2 - 7x + 10$$

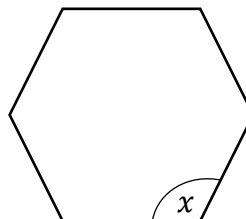
.....

9. Solve

$$5x - 1 = 2x + 17$$

.....

10. Here is a regular polygon.
Work out the value of x



.....

11. Luca puts £8000 into a savings account that offers 3% **compound interest**.

How much will he have in 3 years?

.....

12. Work out an estimate for the mean

Time (t)	Frequency
$60 < t \leq 80$	9
$80 < t \leq 100$	18
$100 < t \leq 120$	13

.....

13. Complete the table for the graph
 $y = x^2 - 2x$

x	-2	1	4
y			

14. Work out $\frac{2.8 \times 10^9}{5 \times 10^4}$

Give your answer in standard form.

.....

15. a is directly proportional to b .
 $a = 66$ when $b = 30$

Work out the value of a when
 $b = 50$

.....

16. Solve these simultaneous equations

$$\begin{aligned} 3x + y &= 14 \\ 2x - y &= 11 \end{aligned}$$

.....