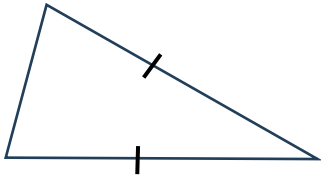


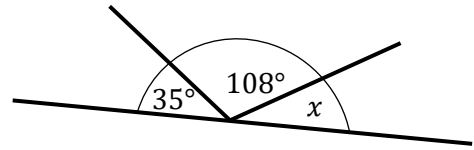
MATHS TEACHER HUB
GCSE Foundation revision sheet - 2

1. Write down the mathematical name for this shape.



.....

2. Work out the value of x .



Give a reason for your answer

.....

3. Convert to an improper fraction

$$3\frac{4}{5}$$

.....

4. Convert $\frac{2}{5}$ to a percentage.

.....

5. Solve

$$\frac{m+5}{3} = 3$$

.....

6. Work out $24 \div 0.4$

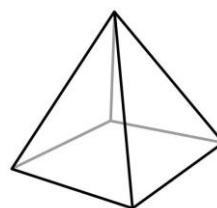
.....

7. $e = 7, f = -2$

$$3e - 2f$$

.....

8. How many vertices does this 3d object have?



.....

9. Simplify

$$\frac{5a^2 \times 4a^8}{2a^{-2}}$$

.....

10. Rob puts £460 into a savings account that offers 1.2% **simple interest**.

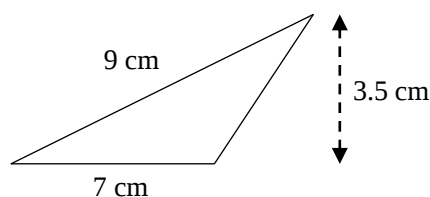
How much will he have in 3 years?

.....

11. Share £720 between Lee and Mae into the ratio 4:5
Lee gives 30% of his money top his mum.
How much does he have left?

.....

12. Work out the area of the triangle.



.....

13. Work out an estimate for the mean

Weight (kg)	Frequency
$10 < w \leq 20$	3
$20 < w \leq 30$	9
$30 < w \leq 40$	6

.....

14. Work out $\frac{4.12 \times 10^8}{1.6 \times 10^{-3}}$

Give your answer as an ordinary number

.....

15. Solve these simultaneous equations

$$\begin{aligned} 2x + y &= -1 \\ x + 3y &= 7 \end{aligned}$$

.....

16. L is directly proportional to W .
 $W = 7.5$ when $L = 10.5$

Work out the value of L when
 $W = 2.5$

.....