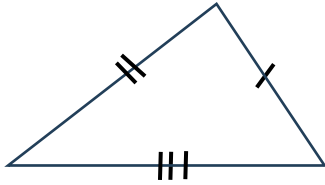


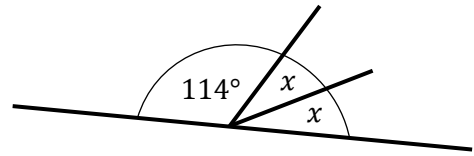
MATHS TEACHER HUB
GCSE Foundation revision sheet - 10

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

$$4\frac{2}{3}$$

.....

4. Convert $\frac{9}{20}$ to a percentage.

.....

5. Solve

$$\frac{y}{2} + 4 = 9$$

.....

6. Work out $360 \div 0.9$

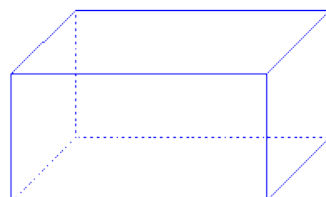
.....

7. $n = 6, p = -4$

$$p^2 + n$$

.....

8. How many edges does this 3D object have?



.....

9. Simplify

$$\frac{18a^{20}}{(3a^2)^2}$$

.....

10. Rob puts £820 into a savings account that offers 2% **simple interest**.

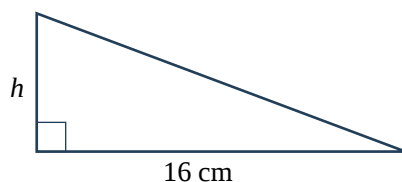
How much will he have in 3 years?

.....

11. Share £560 between Kirk and Lois into the ratio 4:3
Lois spends 40% of her money.
How much does she have left?

.....

12. The area of the triangle is 44cm^2
Work out the height.



.....

13. 8 painters can paint a house in 3 hours.
How long would it take 6 painters to paint 2 houses?

.....

14. Work out $\frac{8.4 \times 10^{12}}{3.5 \times 10^5}$

Give your answer in standard form.

.....

15. Solve these simultaneous equations

$$\begin{aligned} 2x + 2y &= 14 \\ 3x - y &= 25 \end{aligned}$$

.....

16. F is directly proportional to G .
 $G = 3$ when $F = 8.4$

Work out the value of G when $F = 14$

.....