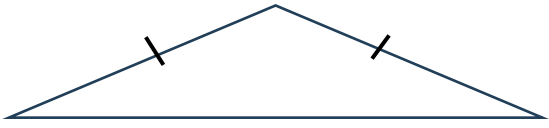


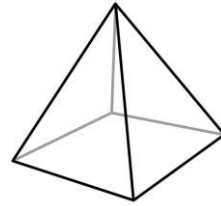
GCSE Foundation revision sheet - 19

1. Write down the mathematical name for this shape.



.....

2. How many edges does this 3d object have?



.....

3. Solve

$$\frac{y}{2} + 1 = 6$$

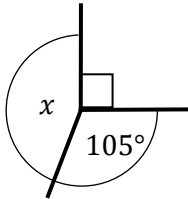
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4. Convert to a mixed number

$$\frac{17}{4}$$

.....

5. Work out the size of angle x .



Give a reason for your answer.

.....

6. $m = 7, n = -5, p = 16$

$$\frac{m^2 - 3n}{\sqrt{p}}$$

.....

7. Simplify

$$\frac{6e^4 \times 4e^6}{3e^{-2}}$$

.....

8. Work out $360 \div 0.6$

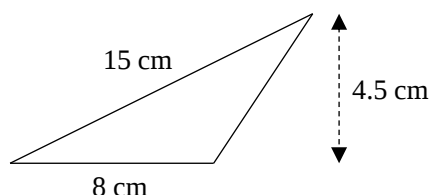
.....

9. Work out

$$\sqrt[3]{782} + 1.2^2$$

.....

10. Work out the area of this triangle.



.....

11. Becki is putting £480 into a savings account offering 1.5% simple interest.

How much will she have in 3 years?

.....

12. Share 112 counters between Jake and Hannah in the ratio of 2:5

How many more counters does Hannah have?

.....

13. Work out

$$\frac{(3.2 \times 10^7) + (5 \times 10^6)}{2.4 \times 10^2}$$

Give your answer in standard form correct to 2 significant figures.

.....

14. Work out an estimate for the mean

Time (Seconds)	Frequency
$40 < s \leq 60$	16
$60 < s \leq 80$	24
$80 < s \leq 100$	20

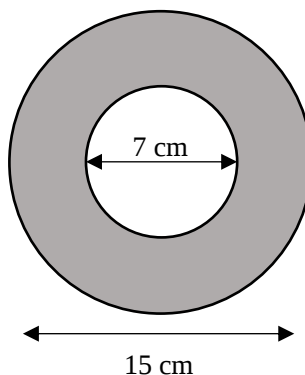
.....

15. M is directly proportional to L .
 $L = 15$ when $M = 40.5$

Work out the value of L when $M = 54$

.....

16. Work out the area of the shaded region.



.....