

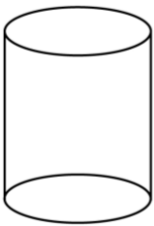
 MATHS TEACHER HUB
GCSE Foundation revision sheet - 25

1. Simplify

$$f^4 + f^4 + f^4$$

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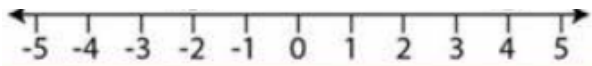
2. How many faces does a cylinder have?



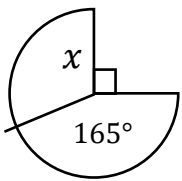
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3. Draw this inequality on the number line

$$y \geq -1$$



4. Work out x



Give a reason for your answer

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5. Work out $1848 \div 12$

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6. Work out $1\frac{3}{4} \times \frac{5}{8}$

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7. Find the class interval that contains the median time.

Time (t)	Frequency
$20 < t \leq 30$	7
$30 < t \leq 40$	18
$40 < t \leq 50$	24
$50 < t \leq 60$	21

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8. Factorise

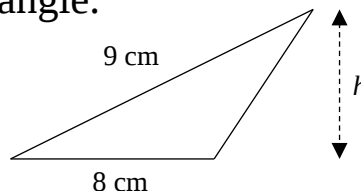
$$x^2 - 5x - 6$$

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9. A microwave is priced at £75.
After a sale, the new price is £63.75.
What % is the sale?

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10. The area of this triangle is 14cm^2
Work out the height of the triangle.

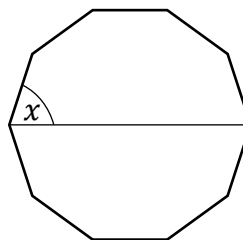


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11. Luca puts £8400 into a savings account that offers 1.6% **compound interest**.
How much will he have in 4 years?

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



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13. A car travels at an average speed of 36mph for 40 minutes.
How far has the car travelled?

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14. The density of tin is 7.3 g/cm^3
A tin cube has lengths of 4cm.

Work out the mass of the cube.

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15. $a = 3b$
 $b = 2c$

Write the ratio of $a:c$

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16. $a \propto b$
Complete the table

a	3.45	13.8	
b		6	10