

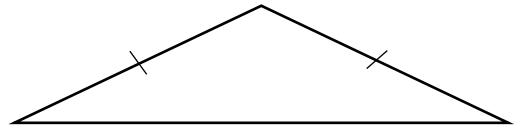
MATHS TEACHER HUB
GCSE Foundation revision sheet - 16

1. Solve

$$\frac{x + 5}{2} = 6$$

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2. Write down the mathematical name for this shape.



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3. Convert 0.42 to a fraction

.....

4. Work out

$$\frac{4}{5} - \frac{2}{3}$$

.....

5. Work out 0.8×3.5

.....

6. Here is an arithmetic sequence

23, 21, 19, 17

Write down the n th term of this sequence.

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7. A washing machine is priced at £450.
 It has now been reduced by 30%
 What is the new price?

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8. Simplify

(a) $e^{10} \times e^5$

.....

(b) $7^6 \div 7^{-2}$

.....

(c) x^0

.....

9. Work out

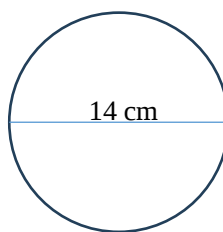
(a) 12^4

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(b) $\sqrt[3]{274.625}$

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10. Work out the area of the circle



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11. Henry cycles at an average speed of 18 km/h
In total he cycled 22.5km/
How many minutes did he cycle for?

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12. £1 = 26.3 Mexican peso
Convert
(a) £1500 into Mexican peso

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(b) 620 Mexican peso into pounds

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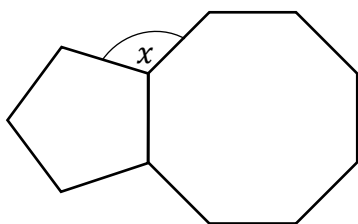
13. Gloria placed £2400 into a savings account offering 2% interest in the first year, then 1.4% compound interest each year after.
How much will she have in 3 years?

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14. Wesley bought a watch for £780
He then sold it at an auction for £663.
Work out his percentage loss.

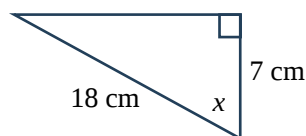
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15. Work out the size of angle x .



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16. Work out the size of angle x .



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