

 MATHS TEACHER HUB
GCSE Foundation revision sheet - 13

1. Work out $16 \times \text{£}2.85$

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2. Draw the lines of symmetry on this polygon



3. An air conditioner is priced at $\text{£}430$.

It has been reduced by 20%

What is its new price?

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4. Solve

$$7t - 2 = 33$$

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5. Simplify

$$7x^2 + 4 - 2x^2 + 8x$$

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6. Work out

$$1\frac{1}{5} + \frac{3}{4}$$

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7. Convert $\frac{36}{40}$ to a percentage

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8. The n th term of a sequence is $6n+3$.

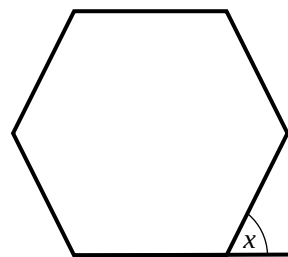
Work out the 20th number in this sequence.

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9. A car travels at an average speed of 60 mph for 90 minutes.
How far has it traveled?

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



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11. Work out
- $$\frac{4.2 \times 10^{12}}{(1.5 \times 10^6) + (5 \times 10^5)}$$
- Give your answer in standard form.

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12. Jacob is going to put £450 into a 2% **compound interest** savings account.
How much will be in the account in 5 years time?

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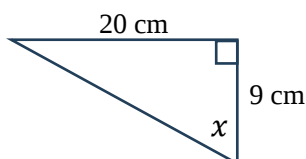
13. 11 players have a mean height of 180cm.
1 player of height 160cm leaves.
Work out the height of the 10 remaining players.

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14. The circumference of a circle is 44cm.
Work out the radius.

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15. Work out the value of x .



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16. A cube has a volume of 4096 cm^3
Work out the surface area of the cube.

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