Create the equations and then solve them! Highlight for solutions.

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| A swimming pool has twenty thousand litres of water in it. If water is pumped out at a rate of **P** litres per hour, the pool will be drained in seven hours. What is the pumping rate? | A circle has a diameter of **D** centimetres. Its circumference is one meter. Determiner the length of the diameter. |
| EQ: | EQ: |

Create the equations and then solve them!

|  |  |
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| Bob goes for a run at a speed of **S** metres per second. Jogging at this speed, he will run a five-kilometre race in twenty-seven minutes. Determine his speed. | A circle has an area of forty-five square centimetres and a radius of **R** centimetres. Determine the length of its radius |
| EQ: | EQ: |

Create the equations and then solve them!

|  |  |
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| Mr. Ridge eats one-hundred grams of pasta each day, except on Taco Tuesdays. How much pasta does Mr. Ridge eat in a year? | A right triangle’s hypotenuse is 1.3 metres and one of its legs has length ninety-eight centimetres. Determine the length of the other leg. |
| EQ: | EQ: |