

**What are you being asked?** [www.m4ths.com](http://www.m4ths.com)

3 quick questions to see if you can work 'forwards' and 'backwards'

<b>'Forwards'</b>	<b>'Backwards'</b>
Bob and Sue shared £24 in a ratio of 3:2. Find out how much money Sue had.	Money was shared between Bob and Sue in a ratio of 3:2. Given that Bob had £24, find out how much money Sue had.
A water tank can hold 20lts when full. Find $\frac{4}{5}$ of the capacity of the tank.	A tank is $\frac{4}{5}$ full. Given that there are 20lts of water in the tank, find the capacity of the tank.
Jenny has £30. She puts 10% of it in her purse. How much money does she have in her purse?	Jenny has 10% of her money in her purse. Given that she has £30 in her purse, find out how much money she has in total.

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