Name: _____ 5-a-day Foundation Plus

28th July

Corbettmaths

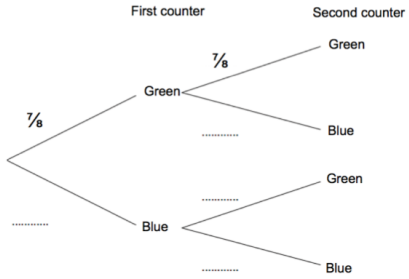
In a drink, 20% of the liquid is orange juice.
The rest of the drink is lemonade.

Write down the ratio of orange juice to lemonade.

Give your answer in the ratio 1:n

Expand and simplify

$(5w - 1)(2w - 3)$



Complete the tree diagram.

There are green and blue counters in a container.
Kevin takes at random a counter from the container. He replaces the counter in the container.
Kevin takes at random a second counter from the container.

Work out the probability Kevin picks counters that are the same colour.

There are 20 students in class 1.
There are 10 students in class 2.

Both classes sit the same test.

The mean mark in class 1 is 64%.
The mean mark for all 30 students is 60%

Work out the mean mark in class 2.

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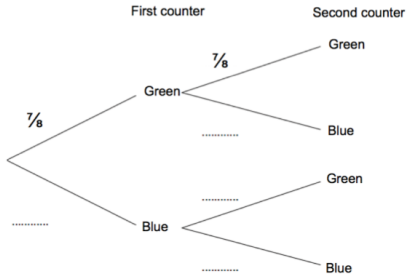

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