



Work out

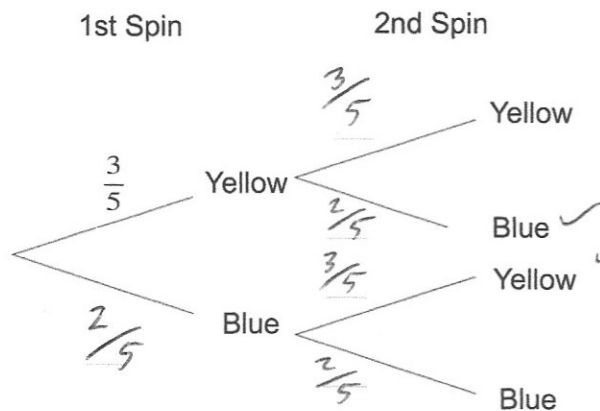
$$3\frac{2}{3} - 2\frac{3}{4}$$

$$\frac{11}{3} - \frac{11}{4}$$

$$\frac{44}{12} - \frac{33}{12} = \frac{11}{12}$$

A spinner has two sections, yellow and blue.

The probability of the spinner landing on yellow is $\frac{3}{5}$



The spinner is spun twice.

Find the probability that the spinner lands on blue twice.

$$\frac{2}{5} \times \frac{2}{5} = \frac{4}{25}$$

Find the probability that the spinner lands on different colours.

$$\frac{3}{5} \times \frac{2}{5} = \frac{6}{25}$$

$$\frac{2}{5} \times \frac{3}{5} = \frac{6}{25}$$

$$\frac{12}{25}$$

Expand and simplify

$$(x - 10)(x + 8)$$

$$x^2 + 8x - 10x - 80$$

$$x^2 - 2x - 80$$

Rachel buys a DVD for £18.50.

A year later she sells it for £15.91

What is the percentage decrease in value of the DVD?

$$18.50 - 15.91 = 2.59$$

$$\frac{2.59}{18.50} \times 100 = 14\%$$