

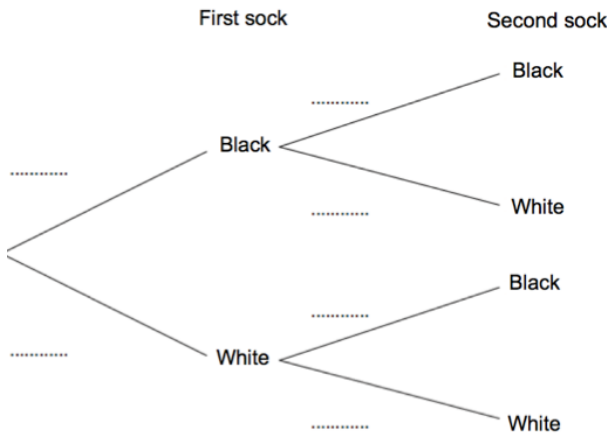
7th October



Corbettmaths

Work out

$$1\frac{3}{4} + 6\frac{2}{3}$$



Complete the tree diagram.

Natalie has 8 socks in a drawer. 5 of the socks are black. 3 of the socks are white.

Natalie takes out a sock at random, writes down its colour and puts it back into the drawer. Then Natalie takes out a second sock, at random, and writes down its colour.

Work out the probability both socks are different colours.

Expand

$$(x + 5)(x - 1)$$

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?