

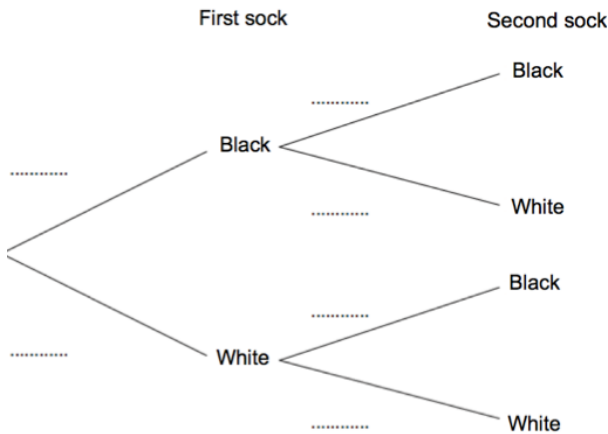
7th October



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.

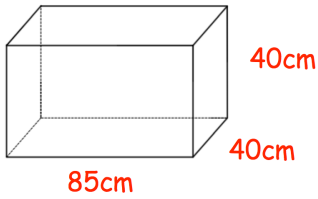
A year later she sells it for £15.91

What is the percentage decrease in value of the DVD?

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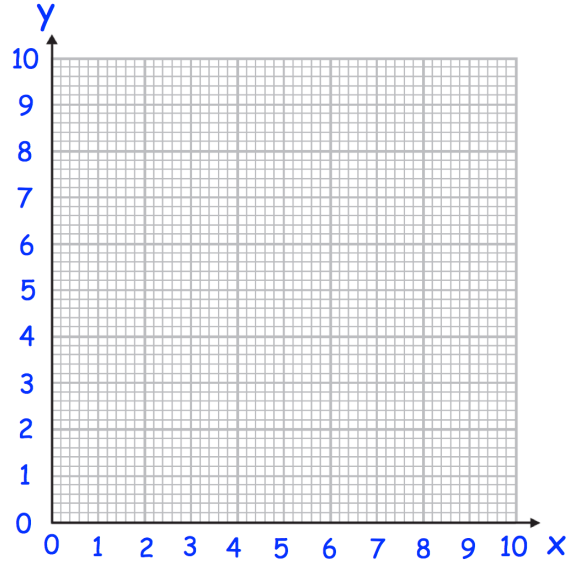


Can a 1m rod fit inside this box?

Complete the table of values for

$$y = \frac{5}{x}$$

x	0.5	1	2	4	8	10
y						



On the grid, draw the graph of

$$y = \frac{5}{x}$$

for $0.5 \leq x \leq 10$

Find where $y = 4x + 5$ meets:
the y axis.

the x axis.

Solve the simultaneous equations

$$y = 13 - 4x$$

$$3x + 2y = 16$$