a) The probability that a blue counter is removed from a bag is 0.15.
There are 18 blue counters in the bag.

Work out the total number of counters in the bag.

How can we write the probability as a fraction?	$0.15 = \frac{15}{100} = \frac{3}{20}$
Can we write two equivalent fractions?	$\frac{3}{20} = \frac{18}{?}$ ×6
How many counters are in the bag?	There are 120 counters in the bag.

b) The probability that a blue counter is removed from a bag is 0.2.
There are 18 blue counters in the bag.

Work out the total number of counters in the bag.

How can we write the probability as a fraction?	$0.2 = \frac{2}{10} = \frac{1}{5}$
Can we write two equivalent fractions?	$\frac{1}{5} = \frac{18}{\quad}$
How many counters are in the bag?	

c) The probability that a blue counter is removed from a bag is 0.35.
There are 28 blue counters in the bag.

Work out the total number of counters in the bag.

How can we write the probability as a fraction?	$0.35 = \frac{35}{100} = \frac{7}{20}$
Can we write two equivalent fractions?	
How many counters are in the bag?	

d) The probability that a blue counter is removed from a bag is 0.6.
There are 18 blue counters in the bag.

Work out the total number of counters in the bag.