

1 FINDING OUTCOMES

1



Hettie put the letters of her name in a bag. She pulled one out without looking and got an E.

- a Which other letters could Hettie have got?
- b Did each letter have the same chance of being chosen?

2 Jack put some counters in a bag.

He put in 4 green, 4 red, 4 yellow, 4 blue and 4 black counters.

He pulled one out without looking.



- a Write a list of the colours he could have got.
- b Did each colour have the same chance of being chosen? Explain.

3



Mena likes to choose her clothes without looking.

She has a drawer that has five tops - one red, one green, one blue, one black and one white.

She has four bottoms in another drawer - one red skirt, one blue skirt, one pair of jeans and one pair of shorts.

Draw a tree diagram and table to show all the possible outfits she could create.

3

Three friends, Jaxson, Louise and Sam played against each other in the tennis competitions.

They each played one game with the other two.

One friend came first and the other second.

- a How many games were played altogether?
- b What are all the possible combinations of players who can come first and second?



4

Simon spun both of these spinners and added the totals. Use a table to work out all of the possible totals he could make.

