

1. Imani spins a 7-sided spinner.

The sides of the spinner are labelled 1, 2, 3, 4, 5, 6 and 7

Then she throws a fair coin.

List all the possible combinations Imani can get.

The first one has been done for you.

(1, H) .....

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2. Ida is packing for a family visit.

Ida needs to choose 2 t-shirts to pack

She has 4 colours to choose from: black, blue, grey and white.

Ida must choose 2 different colours.

Write down all the possible combinations, of the t-shirts, she can choose

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probabilityTree (1) answers

1)	(2, H)	(3, H)	(4, H)	(5, H)	(6, H)	(7, H)
(1, T)	(2, T)	(3, T)	(4, T)	(5, T)	(6, T)	(7, T)

2) black + blue, black + grey, black + white, blue + grey, blue + white, grey + white

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- 3. Achinike is going to choose one coloured counter from a bag and one from a box.  
The bag contains only blue, green and red coloured counters.  
The box contains only black and white counters.  
Write down all the possible combinations Achinike can take.

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- 4. Gavin is attending a revision day in his school holiday.  
Everyone has to choose one revision subject and one fun activity.

Revision subject	Fun activity
English	Football
Maths	Treasure hunt
Science	

Write down all the possible combinations

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Answers 3) (blue, black), (green, black), (red, black) English + football, English + T.H.  
 (blue, white), (green, white), (red, white) 4) maths + football maths + T.H.,  
 science + football, science + T.H.

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Write down all the possible combinations

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