

THAT'S ALL!

Room 12 was having an 'End of term double scoop ice cream party'.

The teacher provided four flavours of ice cream:

vanilla (V)



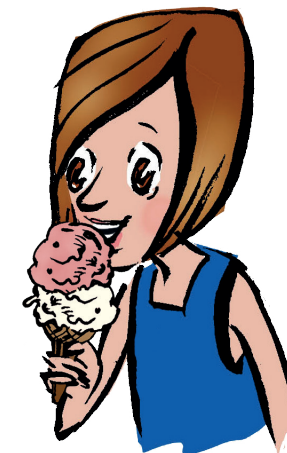
strawberry (S)



mango (M)



chocolate (C)



- 1 The teacher put a scoop of vanilla in each cone.
The students spun a spinner to decide which flavour the second scoop would be.
What are the possible outcomes?
- 2
 - a What must the spinner look like for **each** of the four outcomes to be **equally likely**?
 - b What fraction of the spinner would be chocolate?
- 3 Wiremu wants his second scoop to be mango.
What are the missing numbers in these sentences?
 - a There is a 1 in _____ chance of getting mango.
 - b The probability of him getting mango, as a fraction, is $\frac{1}{\quad}$.



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Room 8 was having an 'End of term ice cream sundae party'.

Their teacher provided:

- **Four flavours of ice cream**
chocolate (C) mango (M) vanilla (V) hokey pokey (H)
- **Three different toppings**
raspberry sauce (R) nuts (N) sprinkles (S)

The students spun **two** spinners, one to decide the ice cream flavour and one to decide the topping.

- 1 Finish this list of all the possible outcomes.
- 2 How many possible outcomes are there?
- 3 Are any combinations **more likely** to occur?
- 4 Is there any way a student could be sure to get their favourite ice cream sundae?
- 5 What must the spinners look like for **each** of the outcomes to be equally likely?
- 6 Fill in the missing numbers in these sentences
There is a 1 in _____ of getting hokey pokey icecream.
The probability, as a fraction, of getting hokey pokey is _____ .
- 7 What are the missing numbers?
There is a _____ in _____ chance of getting nuts as a topping.
The probability, as a fraction, of getting nuts as a topping is _____ .

CR, CN, CS, MR, ...

