

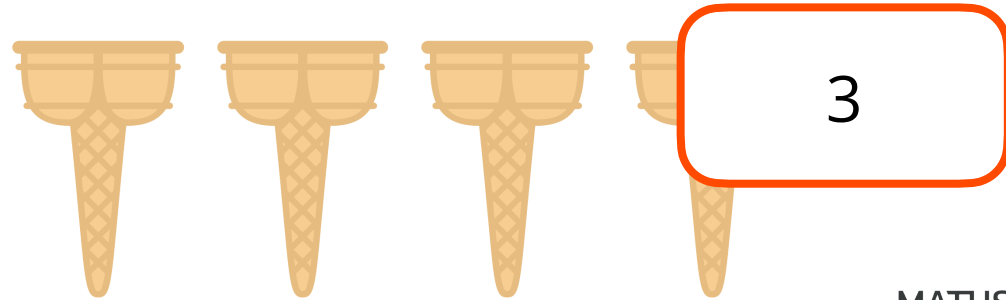
I always want a scoop of strawberry ice cream.

How many ice cream combinations can I make?



Name/s: _____

You might **not** need all the cones.



MATHS
QUEST



I never want a scoop of chocolate ice cream.

How many ice cream combinations can I make?



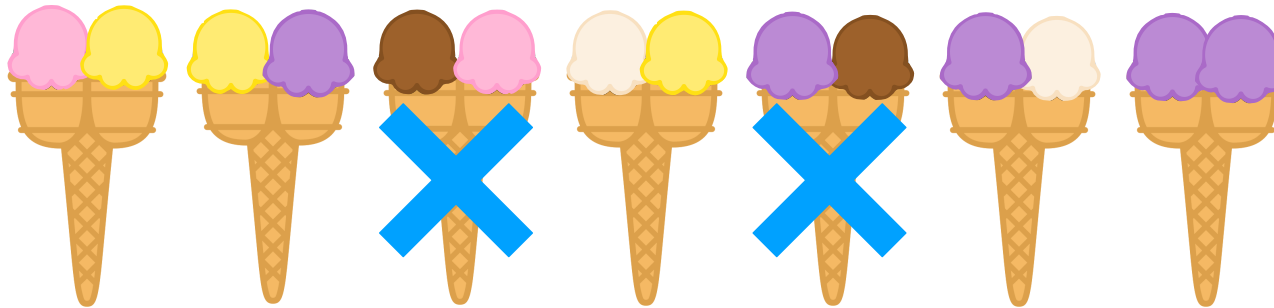
Name/s: _____



MATHS
QUEST



I don't like chocolate ice cream.
Which ice creams won't I choose?



Name/s: _____

MATHS
QUEST

3

I only want ice creams that
have one flavour.

How many different ice
creams can I make?



Name/s: _____

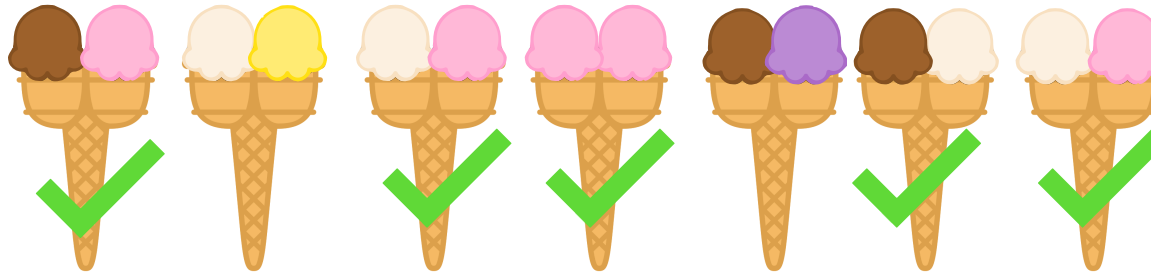
You might **not** need all the cones.



MATHS
QUEST

4

I only like chocolate, strawberry and vanilla ice cream.
Which ice creams would I like to eat?



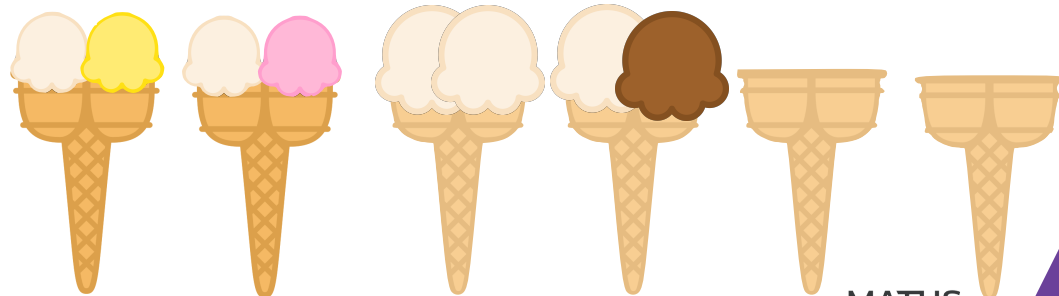
Name/s: _____

MATHS
QUEST

5

I like ice creams with at least one scoop of
vanilla.

How many more ice creams can I make
using these flavours?



2

You might **not** need all the cones.

Name/s: _____

MATHS
QUEST

6

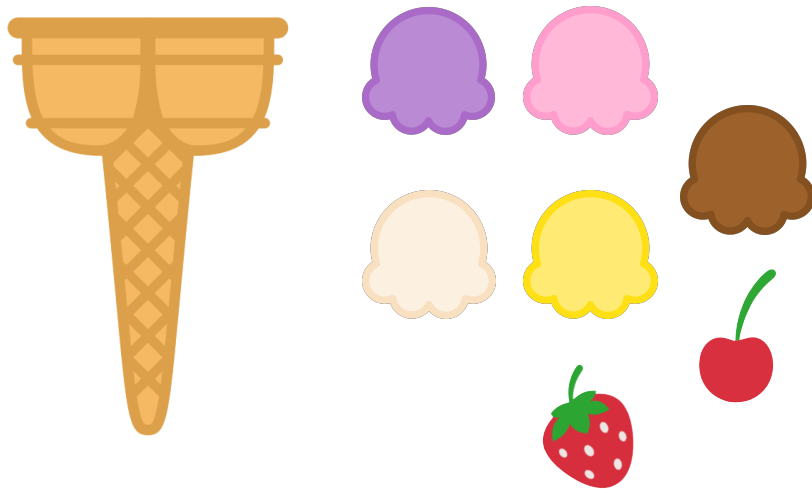
Extra Challenge #1

I always choose two different flavours.

If I have a chocolate scoop I want a strawberry on top of it.

If I have a vanilla scoop I want a cherry on top of it.

How many combinations can I make with no fruit



3 combinations



Name/s: _____

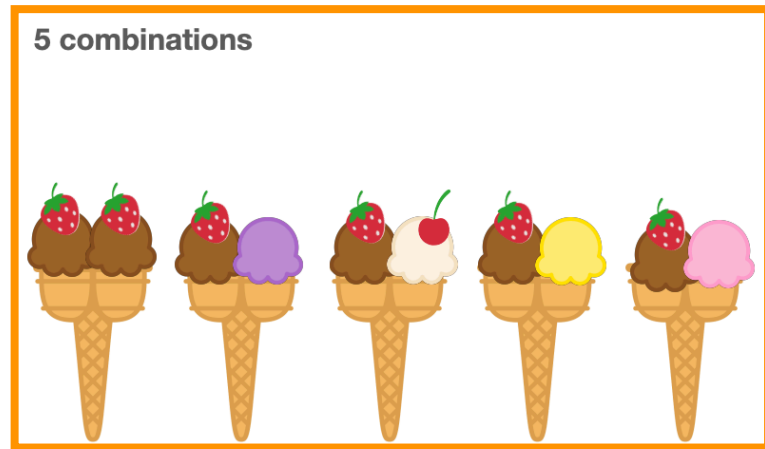
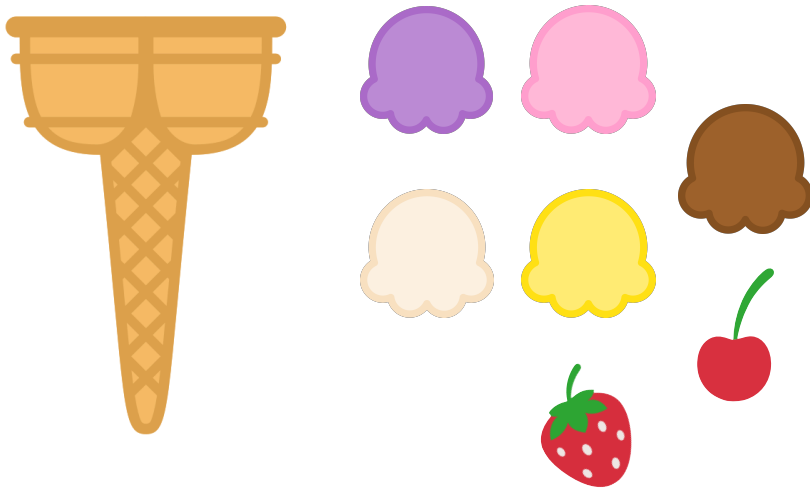
MATHS
QUEST

EC1

Extra Challenge #2

I like all ice cream combinations.

If I have a strawberry scoop I want a cherry on top of it. If I have a vanilla scoop I want a strawberry on top of it. How many combinations can I make that will include a strawberry?



Name/s: _____

MATHS
QUEST

EC1