How many ways?

Task 1: Eliza is going to draw a coloured shape. She can choose from 4 different shapes and 2 different colouring pencils.

How many possible combinations can she draw? Can you draw the shapes in the box?

green   blue

Complete the table to show the combinations.

Shape	square	circle						
Colour	blue	blue	blue	blue				

Task 2: Look at the different ice cream toppings and flavours. Can you list all of the different combinations you could choose?

Flavours	Vanilla	Strawberry	Chocolate
Toppings	Cherry	Flake	Sprinkles

_____
_____
_____
_____

Task 3: At an after school club, the children can choose 1 indoor and 1 outdoor activity.

Indoor Activities | **Outdoor Activities**

Can you write a multiplication sentence to find the total number of combinations?

Can you write a list of the combinations?

_____
_____
_____
_____
_____
_____
_____

Task 4:

Three children are discussing how to find how many different combinations of indoor and outdoor activities they could choose.

You can list all the different possibilities in a table.

Saif

You can multiply 4 and 3 to find the answer.

Robin

Isha

You can add 4 and 3 to find the answer.

a) Who is correct?

_____

b) Whose way is the best? Why?

_____
_____