

# WALT: Can I explain how many ways to make a number? Lesson 5 Week 2

Think back to what you did yesterday. Today we are going to complete some more problems and find lots of different way of making an answer.

## Let's remind ourselves...

Which representation shows 3x 3 combinations?

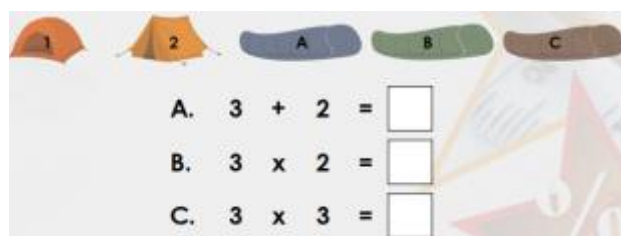
Remember to find the image that shows 3 lots of the same thing and 3 lots of the same thing.



## What about this?

Find the calculation that shows the number of ways the tents and sleeping bags could be combined.

List all of the possible combinations. Think about all of the sleeping bags and what they could represent.



## Reasoning and Problem Solving

David says he can have 10 different combinations from the list.

Is he correct? Prove it!

Write them down and try all the options he could have! You could put vanilla and sauce, then chocolate and sauce, then strawberry and sauce etc.

Also think about your times tables. How many flavours are there? How many toppings are there? That can be written as a number sentence too  $\text{_____} \times \text{_____} =$

<u>Ice cream flavour</u>	<u>Topping</u>
Vanilla	Sauce
Chocolate	Sprinkles
Strawberry	Flake
Mint	Fudge pieces
Raspberry	Nuts

### One more!

How many combinations could he choose? Choose one hat and one scarf, then another hat and another scarf etc.

Again think about your times tables.

$\text{_____} \times \text{_____} =$

