Challenge: Add 3 numbers

2 3 4 5 6

Pick three of the numbers above.
Write them down and add them.
Put the answer below.

☐ + ☐ + ☐ = ☐

Now pick a different set of 3 numbers. Write them down and add them.
How many different additions can you find?
How many different answers can you get?

☐ + ☐ + ☐ = ☐

Challenge: Add 3 numbers

2 3 4 5 6

☐	+	☐	+	☐	=	☐		
☐	+	☐	+	☐	=	☐		
☐	+	☐	+	☐	=	☐		
☐	+	☐	+	☐	=	☐		
☐	+	☐	+	☐	=	☐		
☐	+	☐	+	☐	=	☐		

Answers

Look for patterns when trying to find how many different additions.

E.g.

2 + 3 + 4 = 9

2 + 3 + 5 = 10

2 + 3 + 6 = 11

2 + 4 + 5 = 11

2 + 4 + 6 = 12

2 + 5 + 6 = 13

3 + 4 + 5 = 12

3 + 4 + 6 = 13

3 + 5 + 6 = 14

4 + 5 + 6 = 15