

Read the problems carefully. You will need to use your perseverance and resilience character muscles. If at first you don't succeed, try, try, try again!

A magician is performing a card trick.
He has eight cards with the digits 1-8
on them. He chooses four cards and
the numbers on them add up to 20.
How many different combinations
could he have chosen?



Pick 4 cards each time to add together? When you find 4 that total 20, think about what you can change to find another set to total 20.

Consecutive Numbers

Which consecutive numbers add to 12?

How many different consecutive numbers add to 15?

Explain how you know.

Tip: Consecutive numbers are numbers like 1,2,3 or 2,3,4.
They are numbers that follow on from each other when we count in ones.