

Challenge 1

Can you continue the pattern to 100 and describe what is happening?

$$7 + 3 = 10$$

$$17 + 3 = 20$$

$$27 + 3 = 30$$

Why does this happen?

Can you make a rule about what happens when you add numbers with 7 ones and 3 ones?

Challenge 2

How quickly can you complete these calculations?

$$8 + 2 =$$

$$18 + 2 =$$

$$28 + 2 =$$

$$38 + 2 =$$

$$48 + 2 =$$

$$58 + 2 =$$

$$68 + 2 =$$

$$78 + 2 =$$

$$88 + 2 =$$

$$98 + 2 =$$

Challenge 3

Can you continue the pattern to 10 and describe what is happening?

$$100 - 5 = 95$$

$$90 - 5 = 85$$

$$80 - 5 =$$

Can you make a rule about what happens when you subtract a number with 5 ones from a multiple of 10?