

## Reasoning solutions 27.4.20

### Odd one out

#### Possible answers:

**8** could be the odd one out as it is a single digit number.

It is the only number that is a multiple of 8.

It is the only number that is not in the 3 times table.

It is lower than 10.

**12** could be the odd one out as it is the only number that is a multiple of 6 (2x6).

It is the only number that has one ten.

**21** could be the odd one out as it is the only odd number – the others are both even.

It is not a multiple of 2 or 4. You cannot divide it by 2 or 4.

It is a multiple of 7.

It is higher than 20.

### Ways of making 48

#### Possible answers:

$$20 + 20 + 8 \quad 30 + 10 + 4$$

$$16 + 16 + 16 \quad 24 \times 2 \quad 6 \times 8 \quad 50 - 2 = 48$$

Tom had £50. He spent £2. How much did he have left?

### True or false?

7, 17, 27, 37, 47, 57, 67, 77

### 73p

Highest number of coins: 73 x 1p coins (73)

Lowest number of coins: 50p, 20p, 2p, 1p (4)

$$25 + 9 = 34 \quad 34 - 9 = 25$$

I had £34 but lost £9. How much did I have left?

**When reasoning with numbers there are usually several answers that are right.**

**The important part is being able to explain and prove your thinking.**