Using bar models for word problems: addition

Leo has 26 fiction books and 13 non fiction books.
How many books does he have altogether?

26	13
F	NF

26
+ 13
____

Susie has 15 fish and then buys 28 more.
How many fish does she have now?

| 15 | 28 |

15
+ 28
____

HAVE A GO!
Draw your own bars to show how you would solve the problem and write the calculation out too.

Ingrid has 26 stickers and she collects 19 more.
How many stickers does she have in total?

Alice scores 17 points on a game before lunch and 29 points after lunch.
How many points did she score altogether?

Daniel has read 76 pages of his story so far.
He reads another 22.
How many pages has he read in total?

Raya has collected 36 bottle tops for a school project.
Her aunty gives her another 26.
How many does she have now?

▶ **WATCH OUT!**

Lisa has saved £28 and Barry has saved £40.
How much more has Barry saved?

| 28 |
| 40 |

40
- 28
____

HAVE A GO! Which questions are addition questions? Tick them and solve them.

✔ ✘

Scott walked 15km and Isaac walked 32 km.
How much more has Isaac walked?

Kye spent £18 in a shop and his friend Mia spent £9 more than him.
How much did they spend altogether?

A length of string measured 40cm. Christopher needed 16cm
of string and Leo needed 18cm of string. Was there enough
string for them both?

Yazmin poured 300ml of squash from a 1 litre jug. Ben poured
out some squash and there was 300ml left. How much more
did Ben pour than Yazmin?
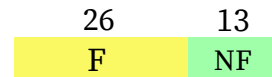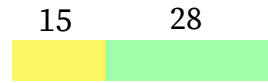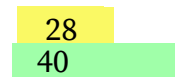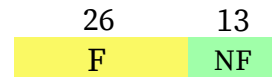
How confident do you feel?
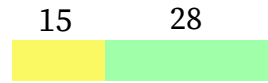
Using bar models for word problems: addition

▶ **PRACTICE WITH ME**

Leo has 26 fiction books and 13 non fiction books.
How many books does he have altogether?

| 26 | 13 |
| F | NF |

$$26 \\ + 13$$

Susie has 15 fish and then buys 28 more.
How many fish does she have now?

| 15 | 28 |

$$15 \\ + 28$$

HAVE A GO!
Draw your own bars to show how you would solve the problem and write the calculation out too.

• Ingrid has 2176 stickers and she collects 189 more.
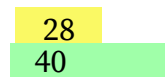How many stickers does she have in total?

• Alice scores 1327 points on a game before lunch and 1295 points after lunch.
How many points did she score altogether?

• Daniel has read 756 pages of his story so far.
He reads another 232.
How many pages has he read in total?

• Raya has collected 326 bottle tops for a school project.
Her aunty gives her another 276.
How many does she have now?

▶ **WATCH OUT!**

Lisa has saved £28 and Barry has saved £40.
How much more has Barry saved?

| 28 |
| 40 |

$$40 \\ - 28$$

HAVE A GO! Which questions are addition questions? Tick them and solve them.

✔ ✘

Scott walked 85km and Isaac walked 92 km.
How much more has Isaac walked?

Kye spent £1238 in a shop and his friend Mia spent £79 more than him.
How much did they spend altogether?

A length of string measured 4 metres long. Christopher
needed 186 cm of string and Leo needed 198 cm of string.
Was there enough string for them both?

Yazmin poured 325ml of squash from a 1 litre jug. Ben poured
out some squash and there was 208 ml left.
How much more did Ben pour than Yazmin?

How confident do you feel?