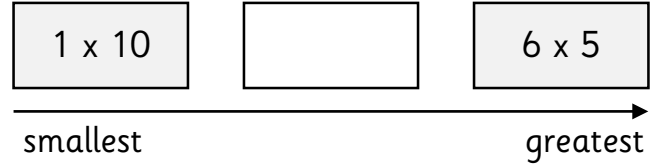# 10x tables

★ ★ ★

Reasoning and problem solving challenge cards:

Kim swims 10 lengths of the swimming pool 5 times.

Tick (✓) the calculations that **do not** describe the word problem.

A)   10 + 5
B)   10 x 5
C)   5 + 5 + 5 + 5 + 5
D)   10 + 10 + 10 + 10 + 10

Help Beth complete the following problem.

| 1 x 10 | | 6 x 5 |

smallest   greatest
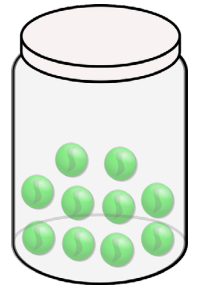
How many ways can this be completed?

Tick (✓) the calculations that show:
5 lots of 7.

A)   10 + 7
B)   7 + 7 + 7 + 7 + 7
C)   10 + 10 + 10 + 10 + 10 + 10 + 10
D)   10 x 7

There are 90 marbles.

How many jars are there?

Explain how you know.
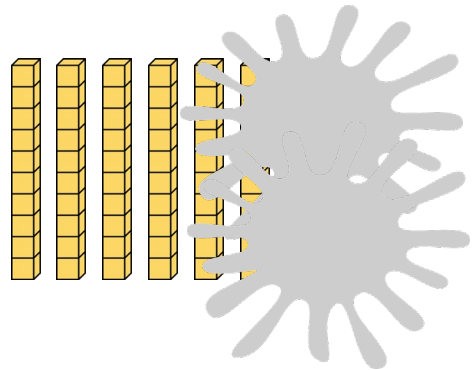

Matt runs 10 metres 4 times.

Tick (✓) the calculations that **do not** describe the word problem.

A)   10 x 4
B)   10 + 10 + 10 + 10
C)   10 + 4
D)   4 + 4 + 4 + 4

Che has created a number track counting up in 10s from 40.

| 40 | 50 | 60 | 70 | 80 | 100 | 110 |

What mistake has Che made?

Some Base 10 has been hidden by ink spills.

The total is less than 100.

What could the calculation be?

_____ x 10 = _____

Sue says it could be 10 x 10. Is Sue correct? Explain your answer.
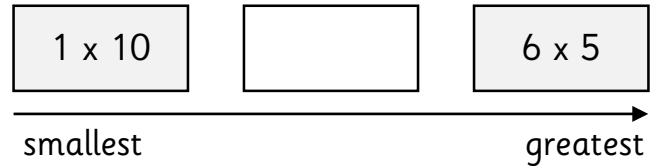
10x tables ★ ★ ★

Reasoning and problem solving challenge cards:

Kim swims 10 lengths of the swimming pool 5 times.

Tick (✓) the calculations that **do not** describe the word problem.

A)   10 + 5 ✓
B)   10 x 5
C)   5 + 5 + 5 + 5 + 5 ✓
D)   10 + 10 + 10 + 10 + 10

Help Beth complete the following problem.

| 1 x 10 | | 6 x 5 |

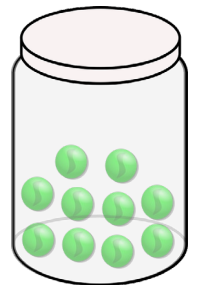smallest → greatest

How many ways can this be completed?

2 ways - 2 x 10, 5 x 5.

Tick (✓) the calculations that show:
5 lots of 7.

A)   10 + 7
B)   7 + 7 + 7 + 7 + 7 ✓
C)   10 + 10 + 10 + 10 + 10 + 10 + 10
D)   10 x 7

There are 90 marbles.

How many jars are there?
Explain how you know.

9 jars.
There are 10 marbles each jar. If there are 90 marbles in total, there must be 9 jars. (9x10).

Matt runs 10 metres 4 times.

Tick (✓) the calculations that **do not** describe the word problem.

A)   10 x 4
B)   10 + 10 + 10 + 10
C)   10 + 4 ✓
D)   4 + 4 + 4 + 4 ✓

Some Base 10 has been hidden by ink spills.

The total is less than 100.

What could the calculation be?

6 x 10 = 60
7 x 10 = 70
8 x 10 = 80
9 x 10 = 90

_____ x 10 = _____

Sue says it could be 10 x 10. Is Sue correct?
Explain your answer.

Sue is not correct. 10 x10 = 100.
The calculation needs to be less than 100.

Che has created a number track counting up in 10s from 40.

What mistake has Che made?

| 40 | 50 | 60 | 70 | 80 | 100 | 110 |

Che has missed the number 90.