

Chilli Challenges 27.1.21

Mild

Dora and Eva are planting bulbs.
They have 76 bulbs altogether.

Dora plants her bulbs in rows of 8 and
has 4 left over.

Eva plants her bulbs in rows of 10 and
has 2 left over.

How many bulbs do they each have?

Hot

Which calculation is the odd one out?
Explain your thinking.

$$64 \div 8$$

$$77 \div 4$$

$$49 \div 6$$

$$65 \div 3$$

Spicy

Jack has 15 stickers.



He sorts his stickers into equal groups
but has some stickers remaining.

How many stickers could be in each
group and how many stickers would be
remaining?

Answers

Mild

Dora has 44 bulbs.
Eva has 32 bulbs.

Hot

$64 \div 8$ could be the odd one out as it is the only calculation without a remainder.

Make sure other answers are considered such as $65 \div 3$ because it is the only one being divided by an odd number.

Spicy

There are many solutions, encourage a systematic approach.
e.g. 2 groups of 7, remainder 1
3 groups of 4, remainder 3
2 groups of 6, remainder 3