



Chilli Challenges - 3/2/21

Answer at least one challenge question.

Self-assess your learning with the answers. No Peeking!

Mild Green Chilli



Each calculation will have a remainder.

$$16 \div 5$$

$$26 \div 5$$

$$30 \div 5$$

Hot Yellow Chilli

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

$$64 \div 8$$

$$77 \div 4$$

$$49 \div 6$$

$$65 \div 3$$

Spicy Red Chilli

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?

Chilli Challenges - 3/2/21

Answers

False

If the dividend is a multiple of the divisor, it can be divided without a remainder.

30 is a multiple of 5 so will not have a remainder.

$$16 \div 5 = 3 \text{ r } 1$$

$$26 \div 5 = 5 \text{ r } 1$$

$$30 \div 5 = 6$$

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

$$64 \div 8$$

$$77 \div 4$$

$$49 \div 6$$

$$65 \div 3$$

$64 \div 8$ 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.

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?

Dora has 44 bulbs.
Eva has 32 bulbs.