

Extra Maths Challenges: Thursday 4th February 2021

Sam is planting onions in the vegetable plot in his garden.
He arranges the onions into rows of 4 and has two left over.
He then arranges them into rows of 3 and has none left over.
How many onions might he have had?

Explain your reasoning.

The following problems can be solved by using the calculation $8 \div 2$. True or false?

- There are 2 bags of bread rolls that have 8 rolls in each bag. How many rolls are there altogether?
- A boat holds 2 people. How many boats are needed for 8 people?
- I have 8 pencils and give 2 pencils to each person. How many people receive pencils?
- I have 8 pencils and give 2 away. How many do I have left?

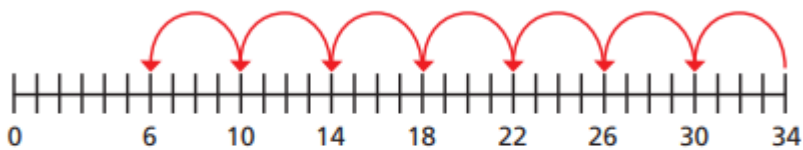
Complete the calculations.

a) $29 \div \square = 4 \text{ remainder } 5$

c) $29 \div \square = 14 \text{ remainder } 1$

b) $29 \div \square = 4 \text{ remainder } 1$

Eva works out $34 \div 4$



There is a
remainder of 6



Is Eva correct?

How do you know?