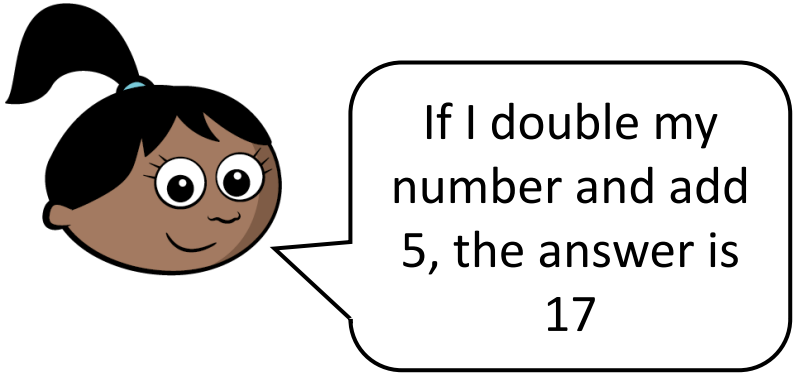
Tues 22nd Nov

BARVEMBER 2022

White Rose Maths

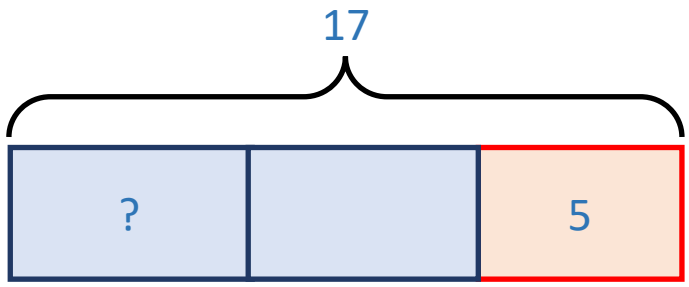
1

Sam thinks of a number.



What number did Sam think of?

Sam thought of the number 6



17 – 5 = 12 12 ÷ 2 = 6

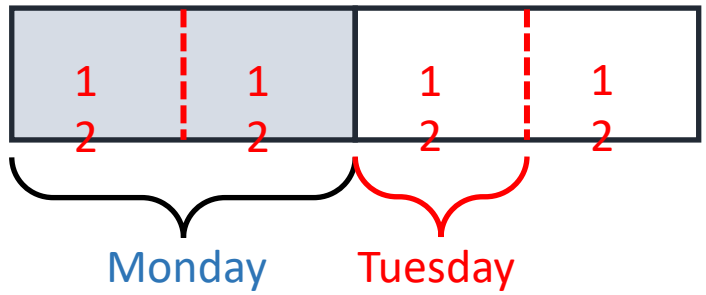
2

Mo starts reading a book.

- On Monday, he reads half of the book.
- On Tuesday, he reads half of what is left.
- One Wednesday, he reads the final 12 pages.

How many pages are there in the book?

There are 48 pages in the book.



4 x 12 = 48

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White Rose Maths

3

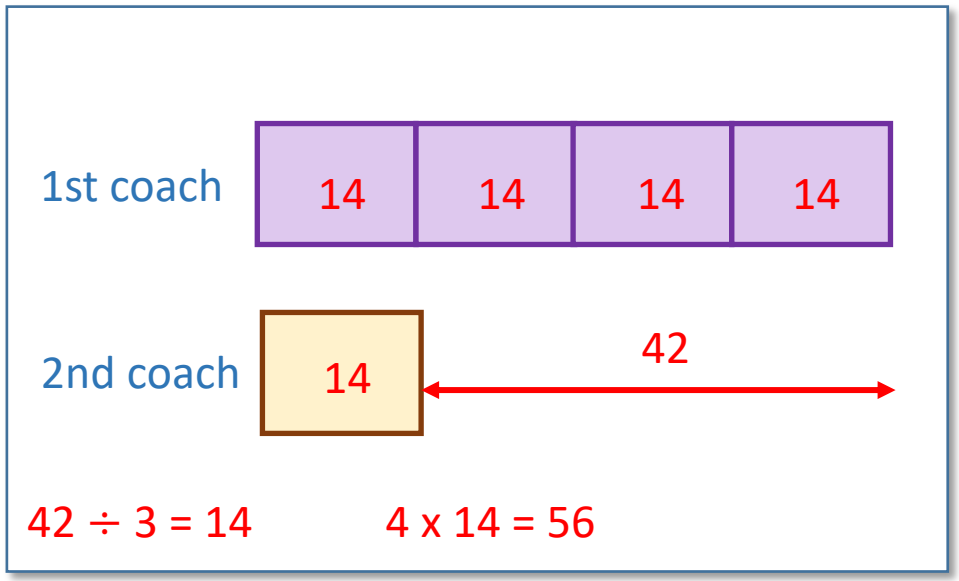
There are the same number of children on two coaches.

42 children get off the 2nd coach.

There are now four times as many children on the 1st coach as the 2nd coach.

How many children were on each coach at the start?

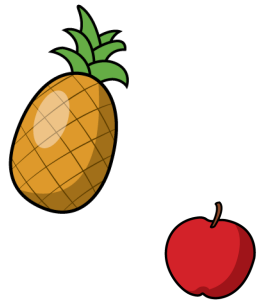
There were 56 children on each coach at the start.



4

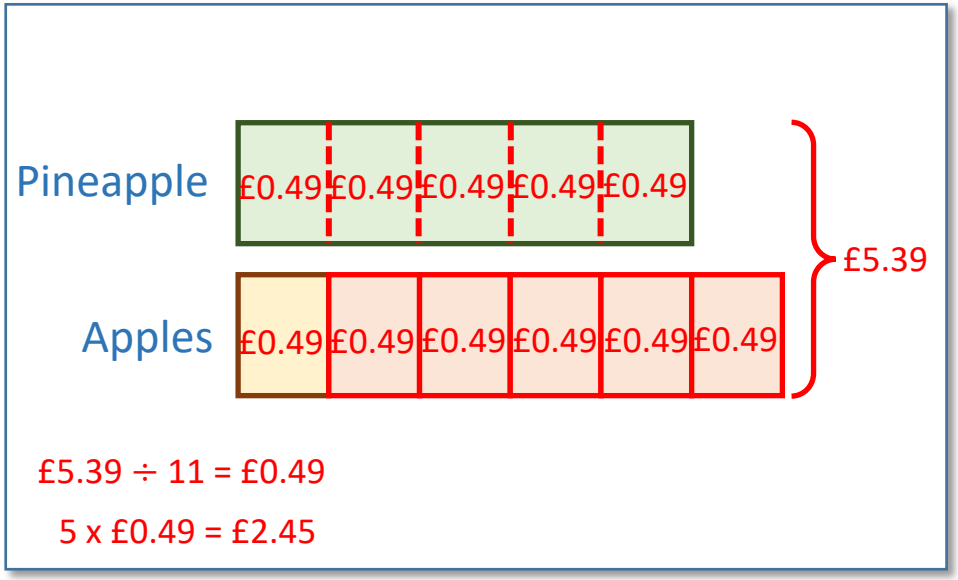
The cost of an apple is $\frac{1}{5}$ the cost of a pineapple.

The total cost of a pineapple and 6 apples is £5.39



How much does a pineapple cost?

A pineapple costs £2.45



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The Daily Challenge

5

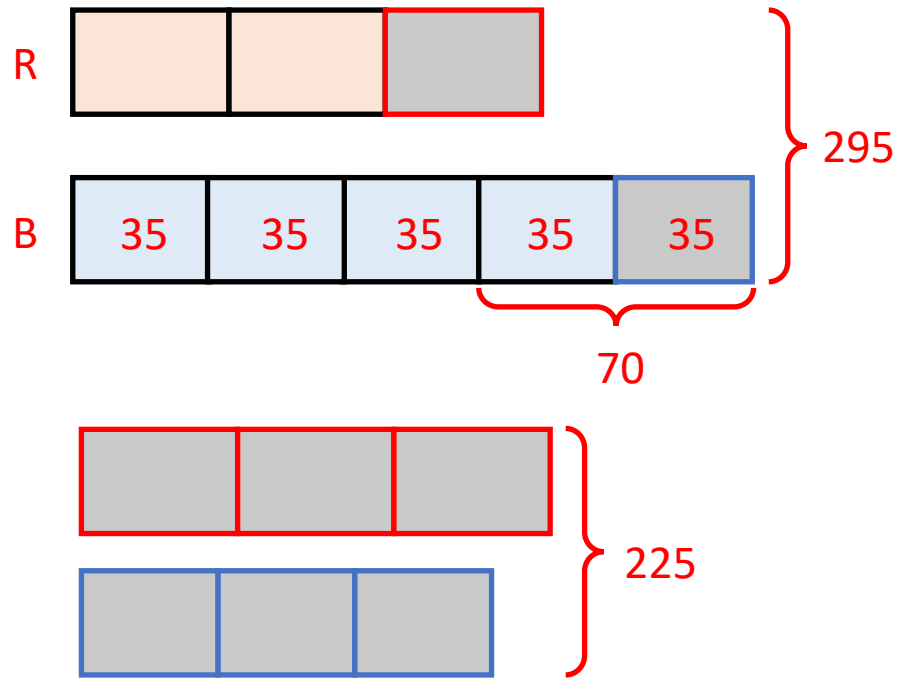
A box contains some blue and red counters.

There are 295 counters in total.

- One third of the red counters are removed.
- One fifth of the blue counters are removed.
- 75 counters are removed in total.

What was the ratio of red to blue counters at the start?

The ratio of red to blue counters at the start was 24 : 35



3 x 75 = 225

295 – 225 = 70

70 ÷ 2 = 35

5 x 35 = 175

295 – 175 = 120

Red : Blue

120 : 175

24 : 35