

Home Learning - Session 1

Year 6 - Reasoning (Fractions, Decimals and %)

Pupil Expectations

Pupils are expected to be able to reason using their fluency skills, which include rapid recall of basic facts eg times tables and equivalent fractions. After pupils have completed their fluency task please complete the below activities.

Focus Learning - Model Example

A book has 200 pages.

Mr M has read $\frac{1}{4}$ of the book.

How many pages are left for

Mr M to read? Show your working out (2 marks)

Step 1: $\frac{1}{4}$ of 200 = 50

(200 divided by 4)

Step 2: $200 - 50 = 150$

Answer: 150 pages left to read

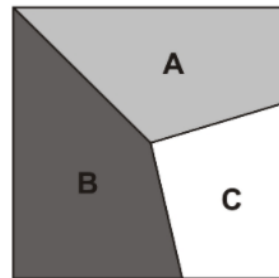
Year 6 Expected

1. A book has 276 pages.
Mrs T has read $\frac{1}{3}$ of the book.
How many pages are left for Mrs T to read?
Show your working out (2 marks)

2. A book has 291 pages.
Mr Kershaw has read $\frac{2}{3}$ of the book. How many pages are left for Mr Kershaw to read?
Show your working out (2 marks)

Year 6 Mastery

3. This square is divided into three parts.



Part A is $\frac{1}{3}$ of the area of the square.

Part B is $\frac{2}{5}$ of the area of the square.

What fraction of the area of the square is part C?

(3 marks)