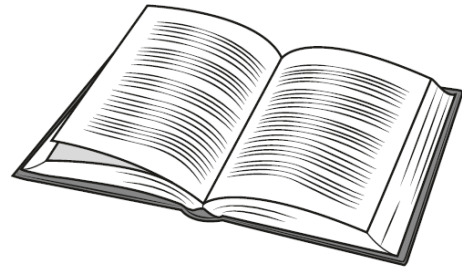


KS2 example problem

Example problem from the new KS2 sample materials

On Saturday Lara read $\frac{2}{5}$ of her book.



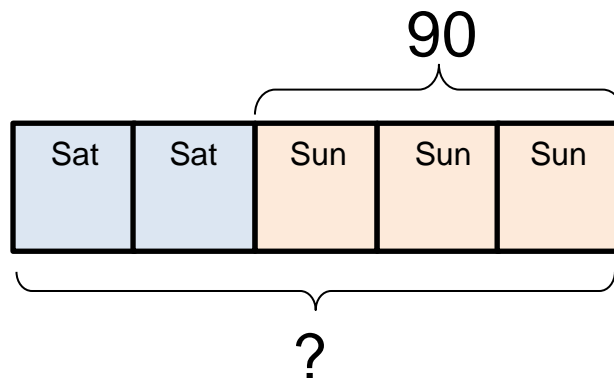
On Sunday she read the **other** 90 pages to finish the book.

How many pages are there in Lara's book?

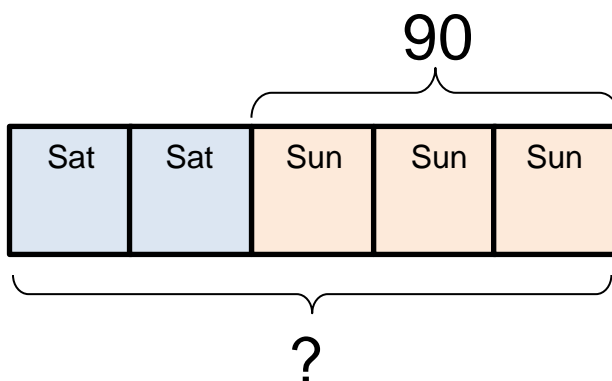
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/439414/Sample_k_s2_mathematics_paper2_reasoning.pdf

Bar modelling makes things easy. It allows a student to see what is going on.

First set up the problem as a bar model



Now we can use it to solve the problem. Remember students show all their working.



Working out

$$90 \div 3 = 30$$

$$30 \times 5 = 150 \text{ pages.}$$

That was supposed to be the most difficult question on the test. How easy was it to solve using a bar model. Bar modelling will give your students a way in to wordy problem solving style questions.