



From *That's Mathematics*
ISBN 978-1-7397748-4-4
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HOW MUCH GOLD...

WEIGHT

Let's see how good you are at estimating weight!

That's Mathematics (the hardback book) weighs 430 grams.

Ask your child to find seven things that are lighter. Before they weigh their seven things, ask them to write down their estimates.

Once they have weighed each thing, can they order them from heaviest to lightest?



OBJECT	ESTIMATED WEIGHT	ACTUAL WEIGHT	ORDER FROM 1 TO 8 1 = heaviest 8 = lightest
 Book		430 grams	

Estimate how many children are needed to balance this see-saw given the two facts below.
Then estimate how many adults would be needed.



1 elephant = 6,000 kg

1 child = 24 kg

If 1 child weighs 24 kg...

10 children weigh _____ kg

100 children weigh _____ kg

200 children weigh _____ kg

My estimate is _____ children.

If 1 adult weighs 150 kg...

10 adults weigh _____ kg

20 adults weigh _____ kg

30 adults weigh _____ kg

My estimate is _____ adults.

Can you work out the weight of the children on the see-saw if they all weigh 20kg?

_____ x 20 kg = _____ kg