Elizabeth Rose tutoring

MATHS 11+

Fractions of Amounts

Name: Date:

Watch the video first: search **Elizabeth Rose Tutoring** on YouTube – "Fractions of Amounts".

Remember

1. **Divide** the amount by the bottom number (the denominator).
2. **Multiply** your answer by the top number (the numerator).
3. Check: does your answer make sense? ¾ of something is more than half of it.

Worked example

What is ¾ of 20? 20 ÷ 4 = 5 then 5 × 3 = **15**

Your turn

1. ½ of 18 = ...
2. ¼ of 28 = ...
3. 1/5 of 45 = ...
4. ¾ of 32 = ...
5. 2/3 of 27 = ...
6. 3/5 of 40 = ...
7. 5/8 of 64 = ...
8. A class has 30 children. 2/5 of them have a pet. How many children have a pet?

.....

Challenge

C1 3/7 of a number is 18. What is the number?

.....

C2 Sam has £36. He spends ¼ of it on a book, then ⅓ of what is left on lunch. How much money does he have left?

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Well done! Check your answers with a grown-up.

Answers: Fractions of Amounts

For parents and tutors. You may want to print this page separately.

1	9
2	7
3	9
4	24
5	18
6	24
7	40
8	12 children
C1	42 (18 ÷ 3 = 6, 6 × 7 = 42)
C2	£18 (book £9 leaves £27; lunch £9 leaves £18)