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| 1. Write out what fraction of these shapes is shaded.

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1. Copy this diagram and shade the following fractions in.
2. $\frac{1}{4}$ b) $\frac{1}{2} $ c) $\frac{1}{12}$ d) $\frac{3}{4}$
3. By copying the shape in question 2, shade the following fractions in and write down which one is the biggest
4. $\frac{3}{10} or \frac{1}{4}$ b) $\frac{3}{5} or \frac{1}{2}$ c) $\frac{1}{3} or \frac{3}{8}$
5. Draw a diagram that is two squares tall and eight across. Shade $\frac{1}{2}$ of the shape, draw the shape again and shade in $\frac{4}{8}$ of the shape what do you notice?
 | 1. Find $\frac{1}{4}$ of these amounts
2. 20 b) 40 c) 120 d) 36
3. Find the following fractions of 100.

$a) \frac{1}{2}$ b) $\frac{1}{4}$ c) $\frac{1}{10}$ d) $\frac{1}{5}$ 1. I have £180 find:

$a)\frac{1}{6}$ of £180 b)$ \frac{2}{6}$ of £180 c) $\frac{5}{6}$ of £1801. Which is bigger? Find the fractions of the amounts to find out.
2. $\frac{3}{5}$ of 25 or $\frac{2}{3}$ of 18?
3. $\frac{4}{7}$ of 49 or $\frac{5}{6} $of 36?
4. $\frac{3}{11}$ of 55 or $\frac{1}{3}$ of 45
5. Find $\frac{3}{7}$ of these amounts:
6. 14 b) 84 c) 700 d) 0.7
7. Which is bigger? $\frac{6}{10} $of 70 or $\frac{3}{5}$ of 70? Explain your answer.
8. When do you need to be able to find a fraction of an amount in real life? Give two examples.
 | 1. In a school $\frac{2}{5}$ of the students go to an afterschool club. There are 500 students in the school, how many students go to afterschool clubs?
2. In a year group of 60 pupils, $\frac{3}{4}$ like coke, $\frac{1}{5}$ like sprite and $\frac{3}{10}$ like tango. How many children like each drink?
3. Sam has a bag of 320 sweets. He eats $\frac{3}{5}$ of them. How many does he have left?
4. In class A there are 50 students and $\frac{4}{5}$ of them like maths. In class B there are 45 students and $\frac{7}{9}$ of them like maths. Which class like maths the most?
5. In a shop there is a sale where everything is $\frac{2}{9}$ off. If the price for a top before the sale is £18 and a pair of shoes is £27 what is their price in the sale?
6. In a shop there are 80 dresses. Ellie buys $\frac{5}{8}$ of them; Georgia goes in and buys $\frac{1}{2}$ of what is left. How many are now left?
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