Recall

Place these numbers in ascending order:

 $\frac{16}{25}$ 63% $\frac{32}{50}$ 0.6 $\frac{61}{100}$ 0.06

Hint: Unscramble







Skill 2

Calculate the fraction of each amount:

- a) $\frac{1}{3}$ of 12 =
- b) $\frac{1}{4}$ of 12 =
- c) $\frac{1}{5}$ of 40 =
- d) $\frac{1}{6}$ of 42 =
- e) $\frac{1}{7}$ of 63=
- f) $\frac{1}{8}$ of 96 =
- g) $\frac{1}{9}$ of 108 =

Calculating fractions of an amount

Skill 1

A fraction sign can be thought of as a division...

- a $\frac{1}{2}$ of $\frac{means \div 2}{7}$ a $\frac{1}{7}$ of -----
- a $\frac{1}{2}$ of $\underline{means \div 3}$ a $\frac{1}{9}$ of
- $a = \frac{1}{4} \text{ of } \frac{1}{4}$
- a $\frac{1}{5}$ of _____ a $\frac{1}{10}$ of _____

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how?

Stretch 2

Worded Questions:

Yesterday Thomas travelled a total of 175 miles.

He travelled $\frac{2}{}$ of this distance in the morning.

How many miles did he travel during the rest of the day?

Debra received her £15 pocket money on Saturday.

She spent $\frac{1}{3}$ of her pocket money on magazines.

She spent $\frac{2}{5}$ of her pocket money on a necklace.

How much of the £15 did she have left?

Interpretation



This picture demonstrates £30 spit in to 5 equal piles

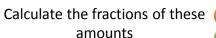
$\frac{1}{5}$ of £30 = £6	$\frac{2}{5}$ of £30 = £12	$\frac{3}{5}$ of £30 = £18
7 .		Can you see

 $\frac{4}{5}$ of £30 = £24 $\frac{5}{5}$ of £30 = £30

Stretch 1

Can you demonstrate , just as above, how £28 can be split in to 4 equal piles.

Skill 3





- a) $\frac{1}{4}$ of 20 b) $\frac{3}{4}$ of 20
- c) $\frac{1}{3}$ of 21 d) $\frac{2}{3}$ of 21
- e) $\frac{3}{4}$ of 44 f) $\frac{2}{3}$ of 24
- g) $\frac{3}{5}$ of 15 h) $\frac{3}{4}$ of 36
- i) $\frac{7}{9}$ of 81 j) $\frac{5}{7}$ of 56
- m) $\frac{1}{4}$ of 14 n) $\frac{3}{4}$ of 14

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