LF: Fractions of an amount

TIP: Divide by the bottom and times by the top

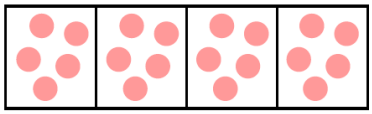
Try it

1. 1/2 of 12 = 6 2. 1/5 of 55 = 11

3. 1/6 of 42 = 7 4. 1/8 of 64 = 8

Use it

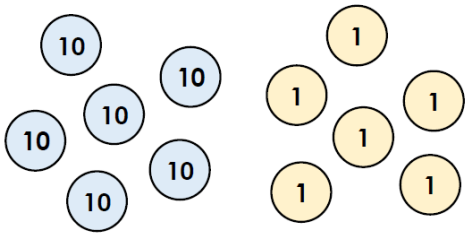
1a. le the number that is $\frac{1}{4}$ of the whole number represented below.



1. 20 5 14

5

3b. Find a sixth of the following amount.



2.

11

3. Fill in the missing gaps:

a) 1/11 of 55 = 5 b) 1/6 of 24 = 4 c) 1/4 of 32 = 8

4. Whitney eats 1/8 of 240g bar of chocolate. How many grams of chocolate has she eaten? 30g

5. Joseph bakes 48 gingerbread men. He ices half of them with blue icing and a quarter of them with orange icing. The rest he leaves plain.

a) How many are blue? 24
b) How many are orange? 12
c) How many are plain? 12

Prove it

1. To find the unit fraction amount you need to multiply by the denominator. True or false? Explain your reasoning.

Wrong. You need divide by the denominator and multiply by the numerator.

3b ıannah and Sean are calculating $\frac{1}{4}$ of 28.

Hannah

The answer is 7.

The answer is 14.

Sean

2. **Who is correct? Explain how you know.**

Hannah is correct because if you divide 28 by 4 you get 7. Sean has worked out 1/2 of 28.

3. These three squares are $\frac{1}{4}$ of a whole shape.

How many different shapes can you draw that could be the complete shape?