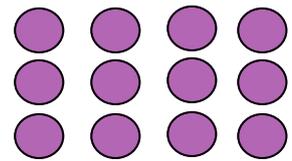


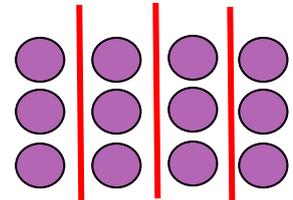
Example:

Find $\frac{3}{4}$ of 12.



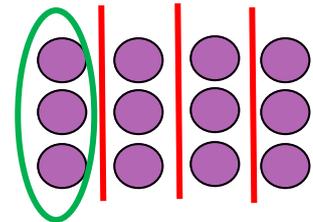
1) Lay out your 20 blocks in rows of 4.

2) Split them into 4 equal groups.



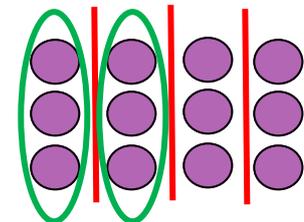
3) Write down what $\frac{1}{4}$ is.

$$\frac{1}{4} \text{ of } 12 = 3$$



4) Write down what $\frac{2}{4}$ is.

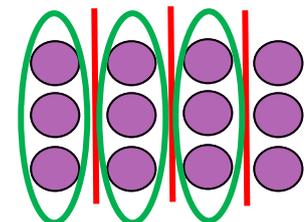
$$\frac{2}{4} \text{ of } 12 = 6$$



Notice that this is the same as $\frac{1}{2}$.

5) Write down what $\frac{3}{4}$ is.

$$\frac{3}{4} \text{ of } 12 = 9$$



Now find $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of these:

1) 16

2) 20

3) 8

4) 24

5) 32

6) 28

Extension: Can you do these bigger numbers without practical objects?

7) 80 8) 400