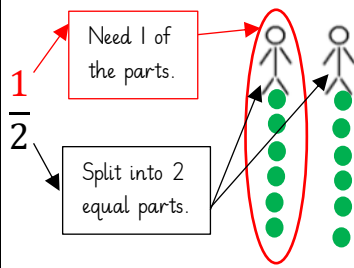


Monday – fractions of numbers

Find $\frac{1}{2}$ of 12

This is the same as $\div 2$.

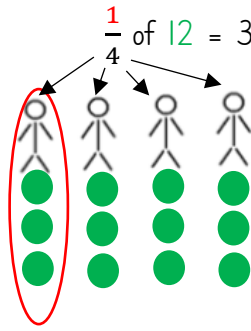
$$\frac{1}{2} \text{ of } 12 = 6$$



Find $\frac{1}{4}$ of 12

This is the same as $\div 4$

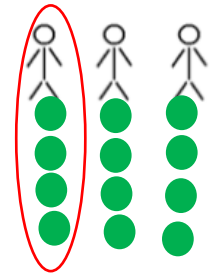
$$\frac{1}{4} \text{ of } 12 = 3$$



Find $\frac{1}{3}$ of 12

This is the same as $\div 3$

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



2. Find a quarter of these amounts. Draw your arrays if you need to.

$$\frac{1}{2} \text{ of } 8 = \underline{\quad}$$

$$\frac{1}{3} \text{ of } 12 = \underline{\quad}$$

$$\frac{1}{4} \text{ of } 20 = \underline{\quad}$$

$$\frac{1}{4} \text{ of } 4 = \underline{\quad}$$

$$\frac{1}{3} \text{ of } 15 = \underline{\quad}$$

$$\star \frac{1}{2} \text{ of } \underline{\quad} = 5$$

3. Can you work out the answers and compare the amounts using $<$ $>$ and $=$.

$$\frac{1}{2} \text{ of } 4 \quad \bigcirc \quad \frac{1}{4} \text{ of } 8$$

$$\frac{1}{2} \text{ of } 20 \quad \bigcirc \quad \frac{1}{4} \text{ of } 16$$

4. Work out this word problem.

I have 18 sweets. I give $\frac{1}{3}$ of the sweets to my brother.

How many sweets did I give to my brother? sweets

5. Who has more money? has more money because...

I have half of £10

Amy

I have a quarter of £12

Zara

Monday – fractions of numbers