

24.2.21

L.O. To calculate fractions of a quantity

1. Complete the number sentences.

a)  $\frac{1}{4}$  of 24 =

c)  $\frac{1}{8}$  of 32 =

$\frac{3}{4}$  of 24 =

$\frac{5}{8}$  of 32 =

b)  $\frac{1}{7}$  of 35 =

d)  $\frac{5}{8}$  of 64 =

$\frac{3}{7}$  of 35 =

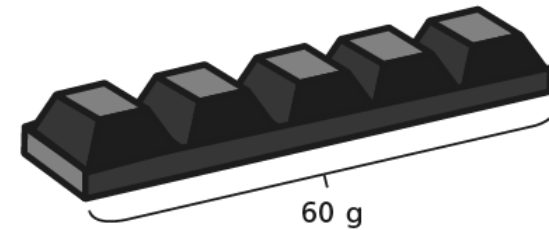
$\frac{7}{8}$  of 64 =

$\frac{5}{7}$  of 35 =

$\frac{10}{8}$  of 64 =

2. Filip has a chocolate bar with 5 equal pieces.

The chocolate bar weighs 60 g.



a) What is the mass of one piece?

The mass of one piece is  g.

b) Filip eats  $\frac{3}{5}$  of the bar of chocolate.

How many grams does Filip eat?

Filip eats  g of chocolate.

3. Match the calculations to the answers.

$$\frac{2}{3} \text{ of } 18$$

$$18$$

$$\frac{5}{6} \text{ of } 18$$

$$15$$

$$\frac{9}{10} \text{ of } 20$$

$$16$$

$$\frac{4}{5} \text{ of } 20$$

$$12$$

4. a) Write each calculation in the correct circle.

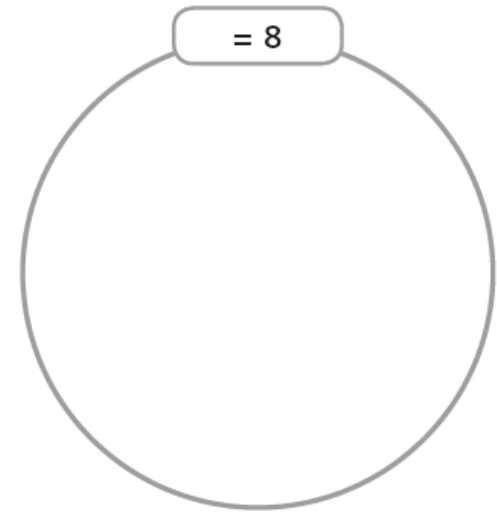
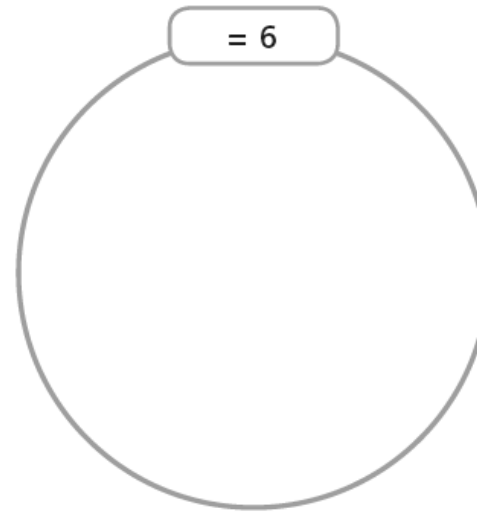
$$\frac{1}{2} \text{ of } 16$$

$$\frac{1}{4} \text{ of } 24$$

$$\frac{2}{3} \text{ of } 9$$

$$\frac{3}{2} \text{ of } 4$$

$$\frac{1}{6} \text{ of } 48$$



5. Write  $<$ ,  $>$  or  $=$  to compare the calculations.

a)  $\frac{2}{7}$  of 21   $\frac{2}{3}$  of 21

b)  $\frac{3}{5}$  of 40   $\frac{2}{3}$  of 36

c)  $\frac{6}{8}$  of 40   $\frac{3}{4}$  of 40

d)  $\frac{6}{10}$  of 50   $\frac{3}{10}$  of 100