

The Primary Stage of Grades (4-5)
2022-2023

Second Semester

Name: Key
Date: 1/1

Subject: Math
Class: Grade:4CP(C,D,E,F&G)

Activity 5

Objective: find fractions of amounts.

Example: Find $\frac{3}{5}$ OF 20

$$\frac{3}{5} \times 20 = \frac{3}{5} \times \frac{20}{1} = \frac{3 \times 20}{5}$$

First simplify ($20 \div 5 = 4$)

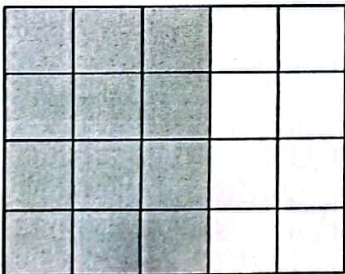
then multiply ($4 \times 3 = 12$)

Use your knowledge of BIDMAS and apply it. (divide then multiply)

OF Means MULTIPLY

OR First Find $\frac{1}{5}$ of 20 = $\frac{1}{5} \times 20 = \frac{1 \times 20}{5} = \frac{20}{5} = 4$

SO $\frac{3}{5}$ of 20 = $4 \times 3 = 12$



If I shade three fifths of the shape, every 5 boxes I need to shade 3. Total number of shaded boxes are 12.

A) Find the following: Showing your work: (Simplify \div then multiply)

1) $\frac{1}{3}$ of 27 = $\frac{1}{3} \times 27$

$$\frac{27}{3} = 9$$

2) $\frac{1}{7}$ of 42 = $\frac{1}{7} \times 42 = \frac{42}{7} = 6$

3) $\frac{1}{5}$ of 40 = $\frac{1}{5} \times 40$

$$\frac{40}{5} = 8$$

4) $\frac{1}{9}$ of 18 = $\frac{1}{9} \times 18 = \frac{18}{9} = 2$

$$5) \frac{5}{7} \text{ of } 70 =$$

$$\frac{5}{7} \times 70 =$$

$$\frac{1}{7} \times 70 = \frac{70}{7} = 10$$

$$\frac{5}{7} \times 70 = 50$$

$$6) \frac{3}{8} \text{ of } 24 = \frac{3}{8} \times 24$$

$$\frac{1}{8} \times 24 = \frac{24}{8} = 3$$

$$\frac{3}{8} \times 24 = 9$$

$$7) \frac{2}{9} \text{ of } 54 = 12$$

$$\frac{2}{9} \times 54 = \frac{2 \times 54}{9} = 2 \times 6 = 12$$

Simplify

$$8) \frac{8}{9} \text{ of } 81 = 72$$

$$\frac{8}{9} \times 81 = \frac{8 \times 81}{9} = 8 \times 9 = 72$$

Simplify

$$9) \frac{5}{7} \text{ of } 700 = 500$$

$$\frac{5}{7} \times 700 =$$

$$\frac{1}{7} \times 700 = \frac{700}{7} = 100$$

$$\frac{5}{7} \times 700 = 500$$

$$10) \frac{3}{8} \text{ of } 32 = 12$$

$$\frac{3}{8} \times 32 =$$

$$\frac{1}{8} \times 32 = \frac{32}{8} = 4$$

$$\frac{3}{8} \times 32 = 12$$

B) Answer the following.

Kira has 240 pieces of candies.

She gives $\frac{1}{4}$ of the 240 candies to Mario and she keeps the rest for herself.

a) How many pieces of candies does Mario get?

$$\frac{1}{4} \times 240 = \frac{240}{4} = 60 \text{ candies Mario gets}$$

b) How many pieces does Kira get? and what fraction is that?

Kim = $240 - 60 = 180$ pieces
Kim gets

One whole = $\frac{4}{4}$

$$\frac{4}{4} - \frac{1}{4} = \frac{3}{4}$$

