

Name: \_\_\_\_\_

## Fractions of Groups

a. Color  $\frac{1}{3}$  of the marbles red.



$\frac{1}{3}$  of 12 = \_\_\_\_\_

b. Color  $\frac{1}{4}$  of the marbles green.



$\frac{1}{4}$  of 8 = \_\_\_\_\_

c.  $\frac{1}{2}$  of 10 = \_\_\_\_\_

d.  $\frac{1}{3}$  of 9 = \_\_\_\_\_

e.  $\frac{1}{5}$  of 20 = \_\_\_\_\_

f.  $\frac{1}{6}$  of 30 = \_\_\_\_\_

g.  $\frac{1}{9}$  of 27 = \_\_\_\_\_

h.  $\frac{1}{7}$  of 42 = \_\_\_\_\_

i.  $\frac{1}{4}$  of 8 = \_\_\_\_\_

j.  $\frac{1}{8}$  of 72 = \_\_\_\_\_

k.  $\frac{1}{3}$  of 24 = \_\_\_\_\_

l. Aiden bought a dozen eggs at the supermarket.

When he got home, he was upset because  $\frac{1}{4}$  of them were broken. How many eggs were broken? \_\_\_\_\_

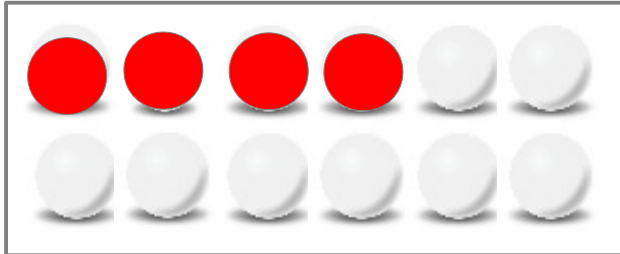
m. There are 8 boys and 12 girls in Miss Johnson's class.

$\frac{1}{4}$  of her students are absent. How many students are absent? \_\_\_\_\_

# ANSWER KEY

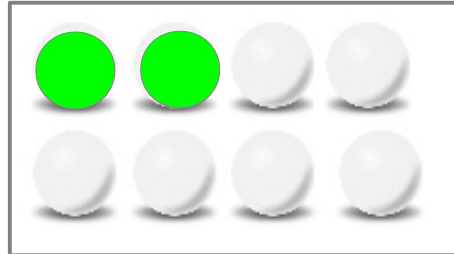
## Fractions of Groups

a. Color  $\frac{1}{3}$  of the marbles red.



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

b. Color  $\frac{1}{4}$  of the marbles green.



$$\frac{1}{4} \text{ of } 8 = \underline{2}$$

c.  $\frac{1}{2}$  of 10 = 5

d.  $\frac{1}{3}$  of 9 = 3

e.  $\frac{1}{5}$  of 20 = 4

f.  $\frac{1}{6}$  of 30 = 5

g.  $\frac{1}{9}$  of 27 = 3

h.  $\frac{1}{7}$  of 42 = 6

i.  $\frac{1}{4}$  of 8 = 2

j.  $\frac{1}{8}$  of 72 = 9

k.  $\frac{1}{3}$  of 24 = 8

l. Aiden bought a dozen eggs at the supermarket. When he got home, he was upset because  $\frac{1}{4}$  of them were broken. How many eggs were broken? 3

m. There are 8 boys and 12 girls in Miss Johnson's class.  $\frac{1}{4}$  of her students are absent. How many students are absent? 5