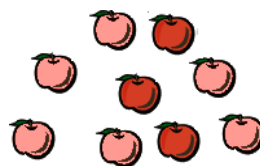


Part of a Whole Group

Four of the ten parts are colored.



$\frac{4}{10}$ of the parts are colored.



Three of the nine apples are dark.

$\frac{3}{9}$ of the apples are dark.

1. In each group are two different kinds of things. Write each part as fractions of the whole.



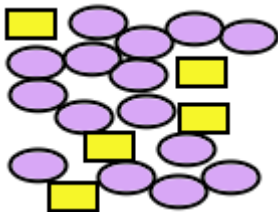
a. $\frac{3}{7}$ and $\frac{4}{7}$



b.



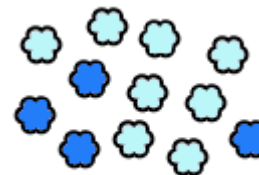
c.



d.



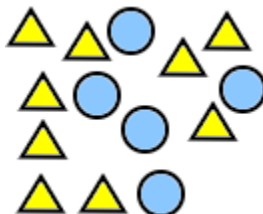
e.



f.



g.



h.



i.



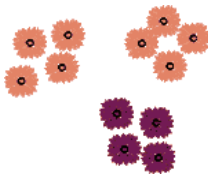
j.



k.




l.



12 flowers are divided into 3 groups. Each group is *a third* of the whole.

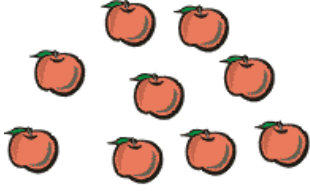
$12 \div 3 = 4$ $\frac{1}{3}$ of 12 is 4.



Twelve fish are divided into two groups. Each group is a *half* of the whole.


$12 \div 2 = 6$ $\frac{1}{2}$ of 12 is 6.

2. Circle to make groups.




a. Make 3 groups.

$\frac{1}{3}$ of 9 apples is ___ apples.




b. Make 3 groups.

$\frac{1}{3}$ of ___ carrots is ___ carrots.




c. Make 5 groups.

$\frac{1}{5}$ of ___ fish is ___ fish.




d.

$\frac{1}{4}$ of 12 flowers is ___ flowers.



e.

$\frac{1}{6}$ of ___ flowers is ___ flowers.



f.

$\frac{1}{5}$ of ___ berries is ___ berries.

3. Draw sticks. Make groups. Write a "part" sentence, and a division sentence.

a. $\frac{1}{3}$ of 18 is ___

$18 \div \underline{\quad} = \underline{\quad}$

b. $\frac{1}{5}$ of 20 is ___

$\underline{\quad} \div \underline{\quad} = \underline{\quad}$

c. $\frac{1}{4}$ of 24 is ___

$\underline{\quad} \div \underline{\quad} = \underline{\quad}$