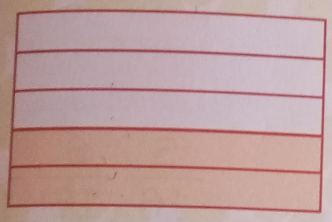
You ha... ($\frac{1}{2}$) and 'quarter' ($\frac{1}{2}$). In the fraction $\frac{1}{2}$, 2 is the denominator and 1 is the numerator. That means the whole has been cut into 2 equal parts and you are taking out or shading 1 part.

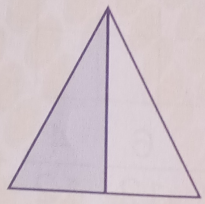
Similarly, in the fraction $\frac{1}{4}$, 4 is the denominator and 1 is the numerator. That means the whole has been cut into 4 equal parts and you are taking out or shading 1 part.

My Practice Time 1

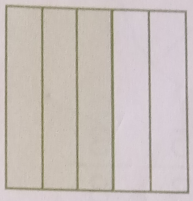
1. Write the fractions for the shaded part.

a. 

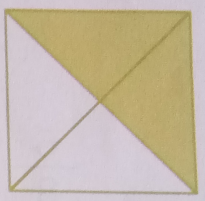
$\frac{2}{5}$

b. 

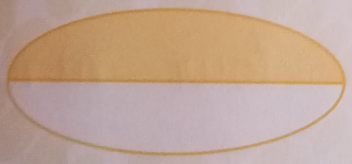
$\frac{1}{2}$

c. 

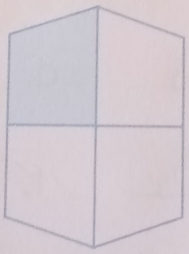
$\frac{3}{5}$

d. 

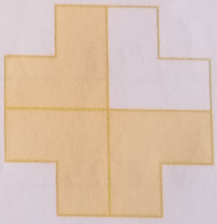
$\frac{2}{4}$

e. 

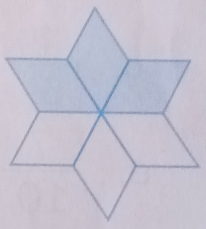
$\frac{1}{2}$

f. 

$\frac{1}{4}$

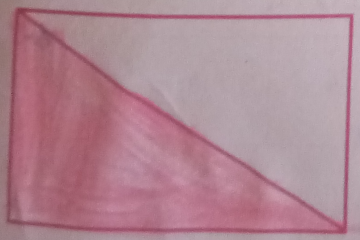
g. 

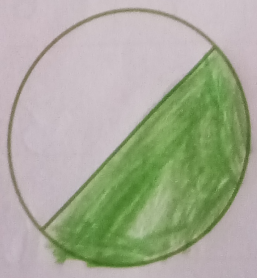
$\frac{3}{4}$

h. 

$\frac{3}{6}$

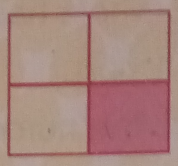
Shade $\frac{1}{2}$ of the given shapes.

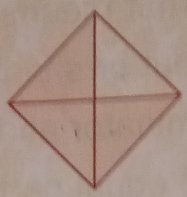


b. 

c. 

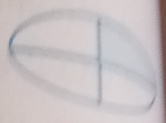
3. Tick (✓) the shapes where $\frac{1}{4}$ is shaded.

a.  ✓

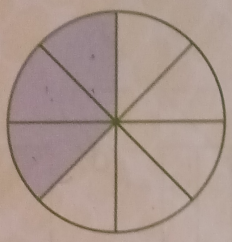
b.  ✗

c.  ✓

d.  ✗

e.  ✓

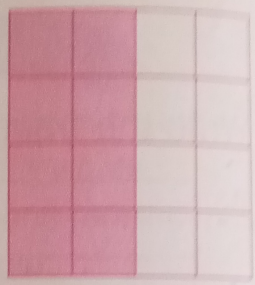
4. Tick (✓) the correct option for the shaded regions of the given shapes.

a. 

$\frac{6}{8}$ $\frac{7}{8}$ $\frac{5}{8}$ ✓ $\frac{3}{8}$

b. 

✓ $\frac{5}{12}$ $\frac{6}{12}$ $\frac{4}{12}$ $\frac{3}{12}$

c. 

$\frac{5}{16}$ $\frac{6}{16}$ $\frac{7}{16}$ ✓ $\frac{8}{16}$

5. Write the fractions in words. One has been done for you.

a. $\frac{1}{3}$ One-third

b. $\frac{5}{8}$ Five - eighths

c. $\frac{4}{6}$ Four - sixths

d. $\frac{4}{9}$ Four - ninths

e. $\frac{7}{10}$ Seven - tenths

f. $\frac{2}{5}$ Two - fifths

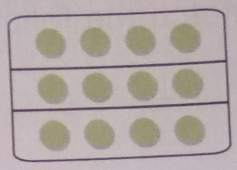
g. $\frac{1}{7}$ One - seventh

h. $\frac{4}{12}$ Four - twelfths

6. Identify the numerator and the denominator in the following fractions.

Fraction	a. $\frac{8}{12}$	b. $\frac{5}{7}$	c. $\frac{3}{6}$	d. $\frac{5}{10}$	e. $\frac{7}{9}$	f. $\frac{9}{10}$
Numerator	8	5	3	5	7	9
Denominator	12	7	6	10	9	10

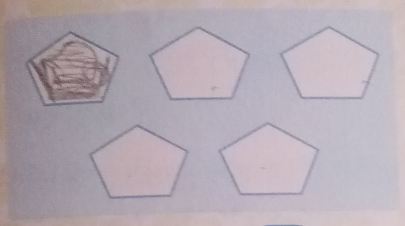
Here, we can see 12 circles.
To divide it into 3 groups, we divide the whole by 3.
Now, $12 \div 3 = 4$. So, one part is 4.
Thus, $\frac{1}{3}$ of $12 = 4$.



My Practice Time 2

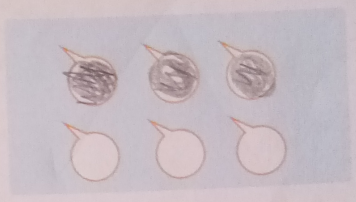
1. Shade the following fractions.

a.



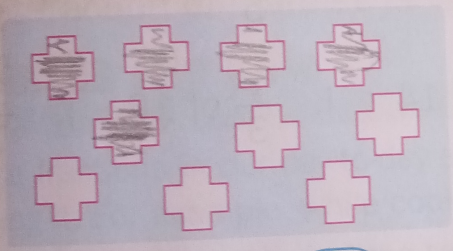
$\frac{1}{5}$ of $5 = 1$

b.



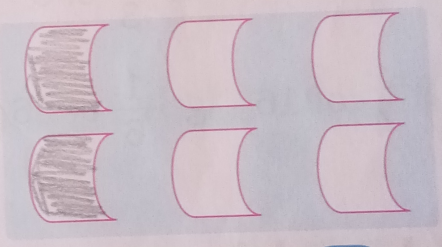
$\frac{1}{2}$ of $6 = 3$

c.



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

d.



$\frac{1}{3}$ of $6 =$ ___

2. Divide the following into three groups to find $\frac{1}{3}$ of the following.

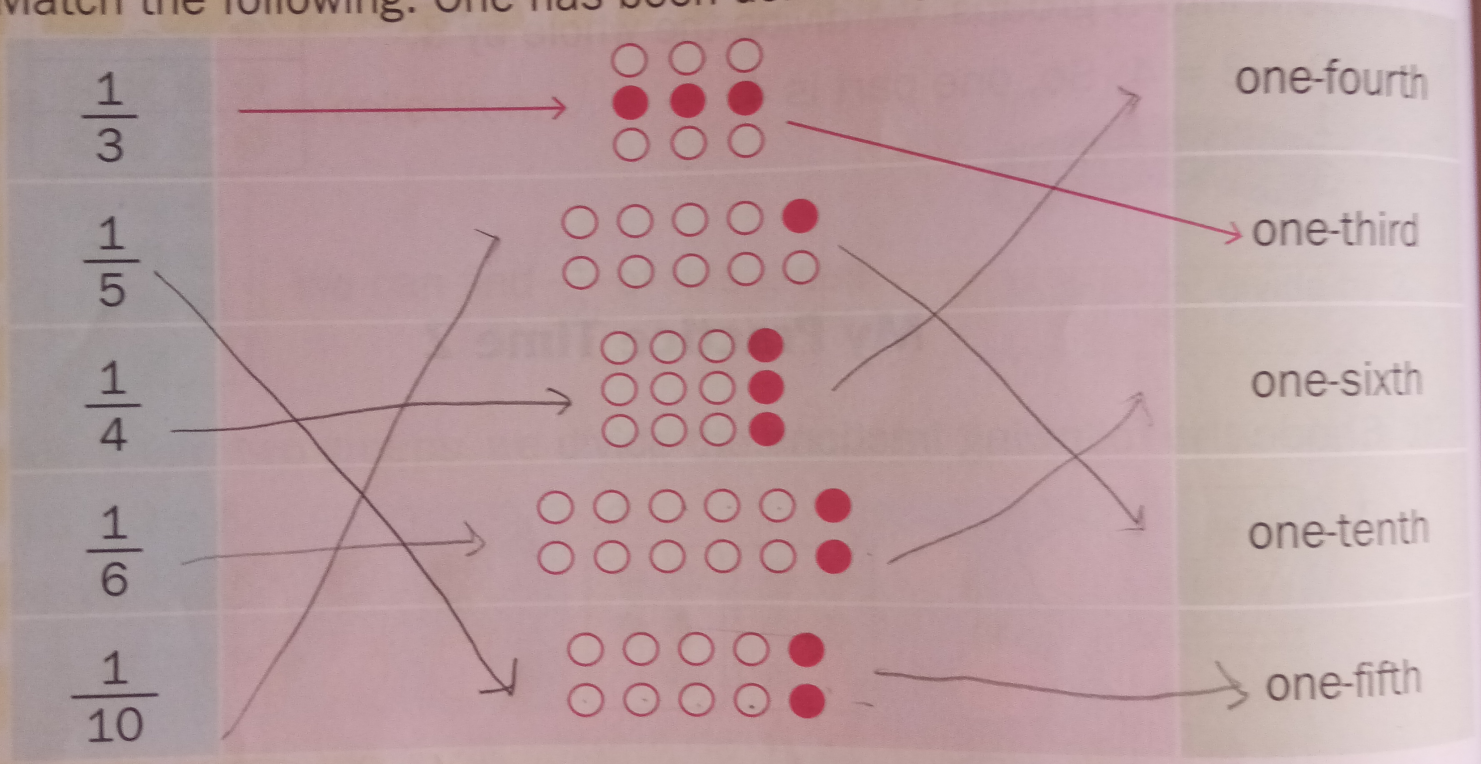
a.

$\frac{15}{3} = 5$

b.

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

3. Match the following. One has been done for you.



4. Solve the following.

a. $\frac{1}{4}$ of 8 b. $\frac{1}{3}$ of 9 c. $\frac{1}{2}$ of 12 d. $\frac{1}{5}$ of 10 e. $\frac{1}{2}$ of 20

f. $\frac{1}{4}$ of 16 g. $\frac{1}{6}$ of 36 h. $\frac{1}{2}$ of 14 i. $\frac{1}{2}$ of 18 j. $\frac{1}{4}$ of 28

Date

Ch - 6

Fractions

My Practice Time - 2

Q4 Solve the following

a. $\frac{1}{4}$ of $8 = \frac{1}{4} \times \overset{2}{\cancel{8}} = 2$

b. $\frac{1}{3}$ of $9 = \frac{1}{3} \times \overset{3}{\cancel{9}} = 3$

c. $\frac{1}{2}$ of $12 = \frac{1}{2} \times \overset{6}{\cancel{12}} = 6$

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d $\frac{1}{5}$ of 10 $= \frac{1}{5} \times \overset{2}{\cancel{10}} = 2$

e $\frac{1}{2}$ of 20 $= \frac{1}{2} \times \overset{10}{\cancel{20}} = 10$

f $\frac{1}{4}$ of 16 $= \frac{1}{4} \times \overset{4}{\cancel{16}} = 4$

g $\frac{1}{6}$ of 36 $= \frac{1}{6} \times \overset{6}{\cancel{36}} = 6$

h $\frac{1}{2}$ of 14 $= \frac{1}{2} \times \overset{7}{\cancel{14}} = 7$

i $\frac{1}{3}$ of 18 $= \frac{1}{3} \times \overset{6}{\cancel{18}} = 6$

j $\frac{1}{7}$ of 28 $= \frac{1}{7} \times \overset{4}{\cancel{28}} = 4$

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My Practice Time 3

Q1 Sonam had 8 candies and she ate 3 of them. What fraction of candies is left with her?

Ans

Total candies = 8

Left candies = 8 - 3 = 5

Fraction of left candies = $\frac{5}{8}$

Q2 Revathi brought 7 cream rolls. She gave 4 out of them to Azhar. What fraction of cream rolls is left with her?

Ans

Total cream rolls = 7

Left cream rolls = 7 - 4 = 3

Fraction of left cream rolls = $\frac{3}{7}$

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Q3 Alisha bought 8 packets of peanuts and ate 3 of them. What fraction of peanuts packets is left with her.

Ans

Total peanuts packets = 8

Left peanuts packets = 8 - 3 = 5

Fraction of left peanuts packets = $\frac{5}{8}$

Q4 Manjit has a box of 15 ping-pong balls. Over a period of time, he lost 6 balls from the box. What fraction of ping-pong balls has he lost?

Ans

Total balls = 15

Lost balls = 6

Fraction of lost balls = $\frac{6}{15} = \frac{2}{5}$

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Q5 Tina is reading Panchtantra, a story book. She has read 10 out of 25 pages. What fraction of pages in the book are left for her to read?

Ans

Total pages of book = 25

Left pages of book = 25 - 10 = 15

Fraction of left pages = $\frac{15}{25} = \frac{3}{5}$

Q6 Pankaj has got 40 marbles. He lost 16 of them. What fraction of marbles is left with him?

Ans

Total marbles = 40

Left marbles = 40 - 16 = 24

Fraction of left marbles = $\frac{24}{40} = \frac{3}{5}$