Unit 3 Fractions and Location
Section 1 Fractions
The Concept of Part-Whole; Terms of a Fraction

3.1

☞ **RECALL**

KEY WORDS

- fraction
- fraction bar
- whole
- divide
- numerator
- equal parts
- denominator

KEY CONTENT

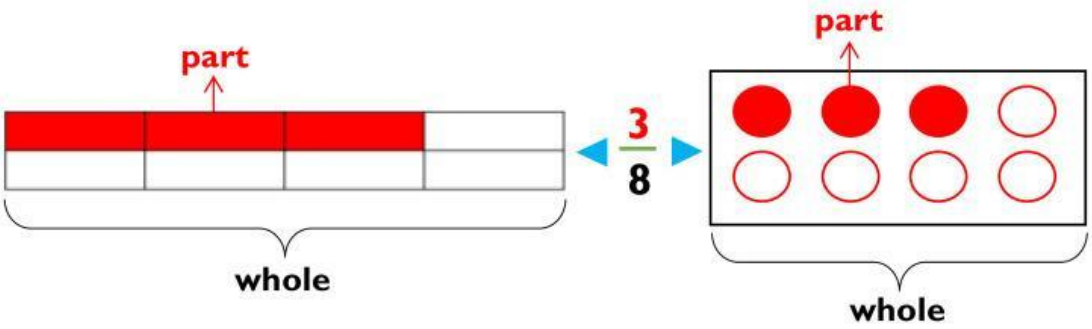
1. The Concept of Part-Whole

e.g.

$\frac{3}{8}$

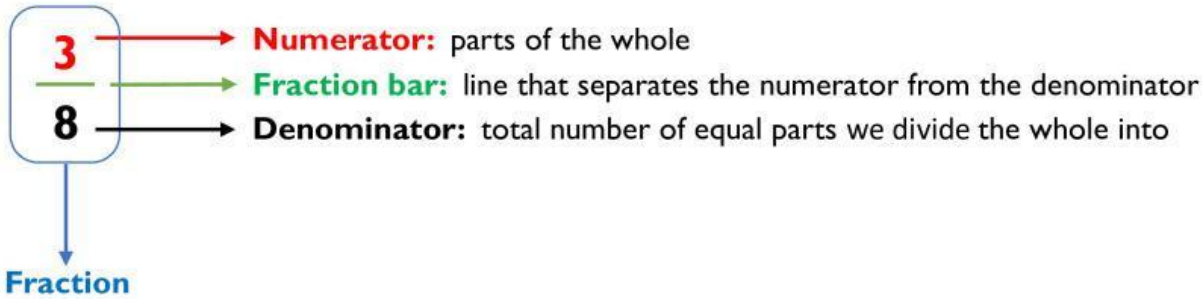
3 → parts of the whole

8 → total number of equal parts we divide the whole into



2. Terms of a Fraction

e.g.



LIVEWORKSHEETS

☞ **PRACTICE**

A. Vocabularies and Concepts

1. Find the words. Words are ⇨ or ⇩. Then rewrite each word 3 times.

FRACTION WHOLE NUMERATOR DENOMINATOR DIVIDE

C	F	Z	W	E	E	B	V	X	Z	R	M
L	M	R	H	R	S	X	E	Q	I	G	D
F	P	W	O	Y	U	V	H	G	M	A	I
T	Y	V	L	I	Y	J	M	V	Q	T	V
R	X	D	E	C	A	M	P	I	V	K	I
A	W	N	U	M	E	R	A	T	O	R	D
K	D	F	R	A	C	T	I	O	N	H	E
D	E	N	O	M	I	N	A	T	O	R	F

fraction _____ _____ _____

whole _____ _____ _____

numerator _____ _____ _____

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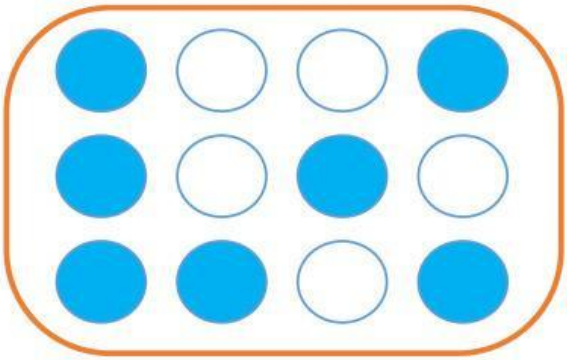
denominator _____ _____ _____

divide _____ _____ _____

2. Circle the correct answer.

Look at the picture then answer the following questions.



a. What is the fraction that the ***colored*** parts represent?

A. $\frac{5}{12}$ **B.** $\frac{7}{12}$ **C.** $\frac{12}{12}$

b. What is the fraction that the ***uncolored*** parts represent?

A. $\frac{5}{12}$ **B.** $\frac{7}{12}$ **C.** $\frac{12}{12}$

c. What is the ***denominator*** of the above fractions?

A. 7 **B.** 12 **C.** 5

d. What is the ***numerator*** of the fraction in question **a?**

A. 12 **B.** 5 **C.** 7

B. Math Skills and Problem Solving

1. Color to represent the fractions.

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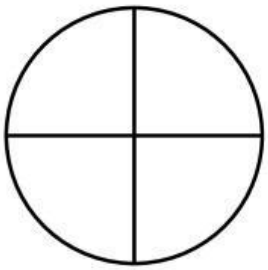
a.

$\frac{1}{4}$

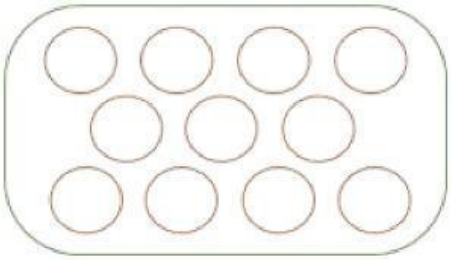


c.

$\frac{4}{9}$

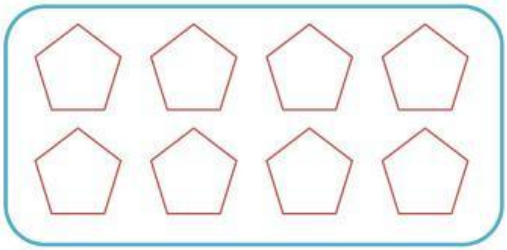
b.

$\frac{6}{11}$

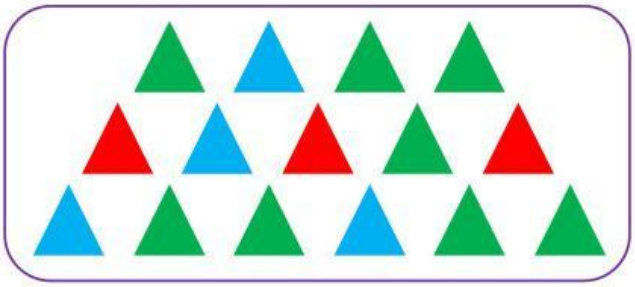


d.

$\frac{5}{8}$



2. Look. Write the fractions.



a. **parts:** $\frac{\square}{\square}$

b. **parts:** $\frac{\square}{\square}$

c. **parts:** $\frac{\square}{\square}$

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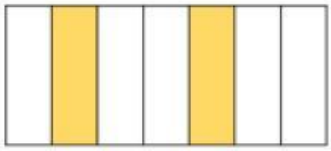
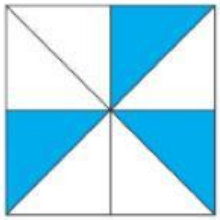
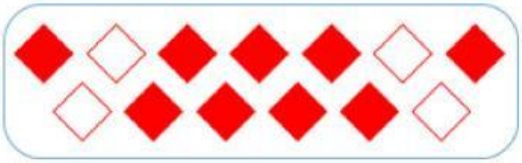
3. Complete the table.

Representation	Numerator	Denominator	Fraction
	1	2	$\frac{1}{2}$
			
			
			

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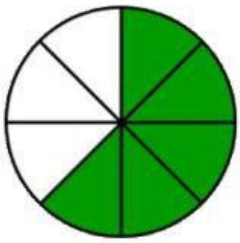

4. Match each fraction with its description.

The numerator is less than half the denominator.	$\frac{5}{10}$
	$\frac{7}{12}$
The denominator is twice the numerator.	$\frac{5}{14}$

5. Read and solve the problem

a. My ***numerator*** is the ***greatest one-digit number***. My ***denominator*** is ***7 more*** than my ***numerator***. What fraction am I?

_____

_____

Answer: The fraction is $\frac{\square}{\square}$.

b. My ***denominator*** is ***twice*** my ***numerator***. My ***numerator*** is the ***number of months in a year***. What fraction am I?

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Answer: The fraction is $\frac{\square}{\square}$.

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