

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

3.1

RECALL

KEY WORDS

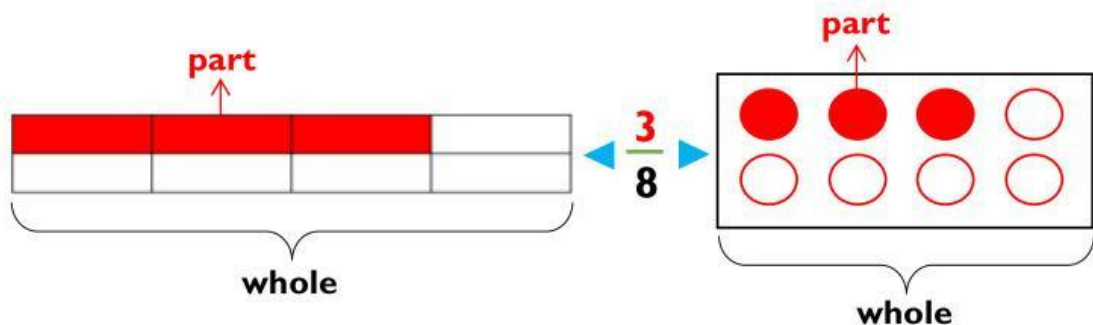
- fraction
- whole
- numerator
- denominator
- fraction bar
- divide
- equal parts

KEY CONTENT

1. The Concept of Part-Whole

e.g.

$\frac{3}{8}$ → parts of the whole
→ total number of equal parts we divide the whole into



2. Terms of a Fraction

e.g.

$\frac{3}{8}$ → **Numerator:** parts of the whole
→ **Fraction bar:** line that separates the numerator from the denominator
→ **Denominator:** total number of equal parts we divide the whole into

↓
Fraction

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 _____

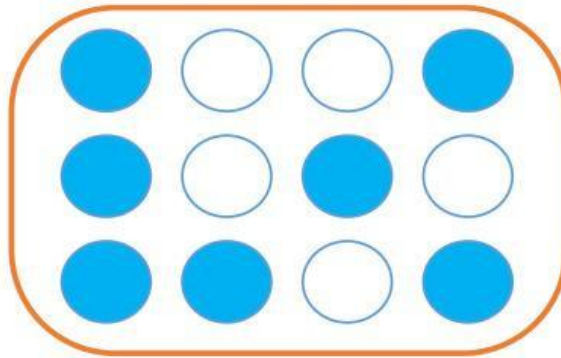
numerator _____

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

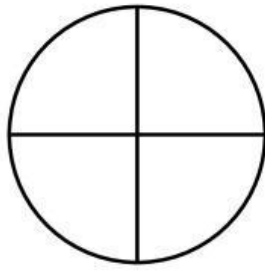
C. 7

B. Math Skills and Problem Solving

I. Color to represent the fractions.

a.

$$\frac{1}{4}$$



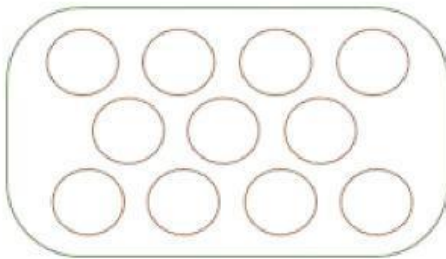
c.

$$\frac{4}{9}$$



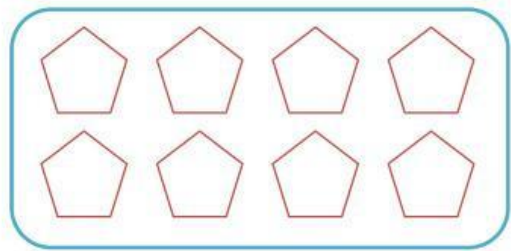
b.

$$\frac{6}{11}$$

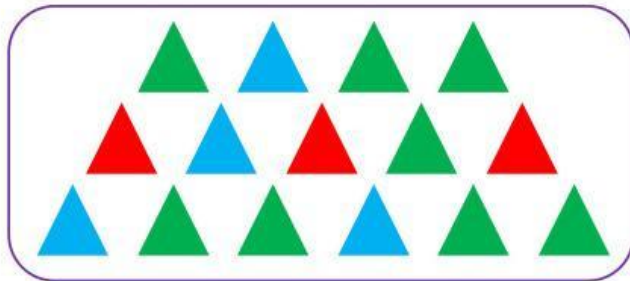


d.

$$\frac{5}{8}$$



2. Look. Write the fractions.

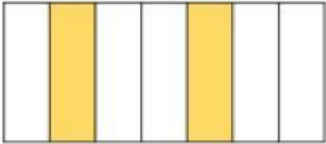
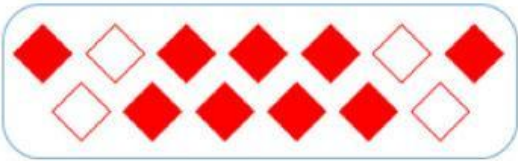


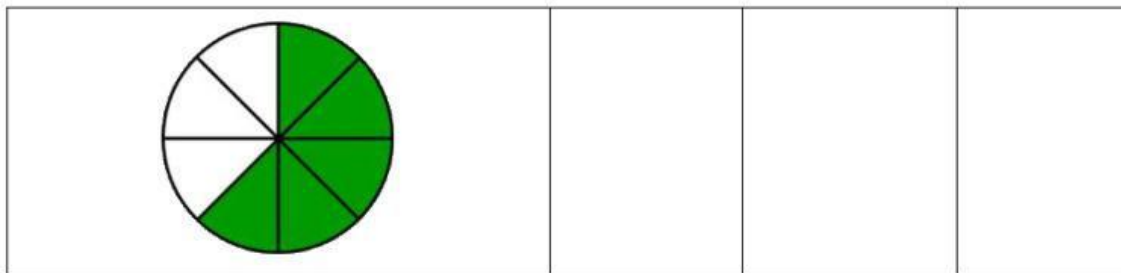
a.  parts:

b.  parts:

c.  parts:

3. Complete the table.

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



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

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

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

