



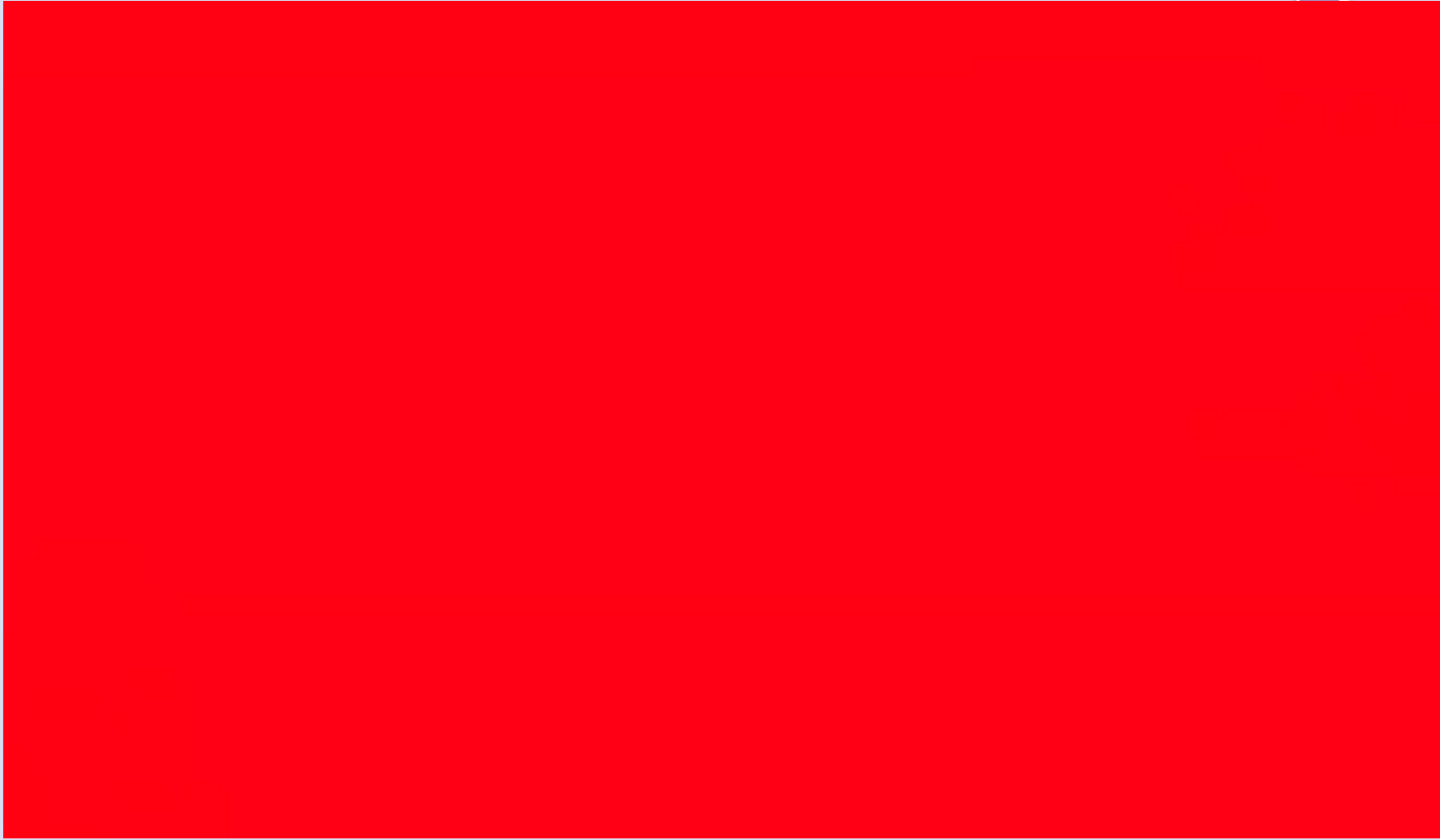
3rd Grade

# Welcome to Math Class 😊

Ms. Samya Alghafri



Let's count to 100





# Classroom Rules



**Be on Time**



**Clean Your Desk**



**Do Your Best**



**Raise Your Hand**



**Listen To Your Teacher**



**Be kind  
show respect**



# Problem Solving Review

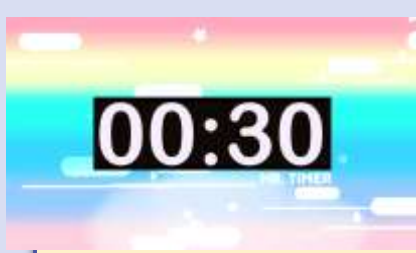
How you can find the area of the figure?



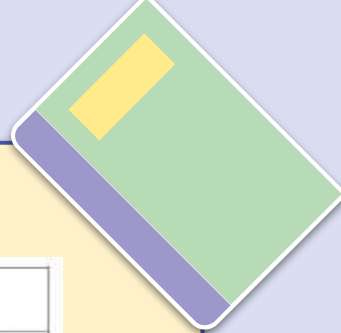
$$7 \times 7 = 49$$

Area = 49 Square cm





Crack the code



A	B	C	D	E	F	G	H	I	J
1	2	3	4	5	6	7	8	9	10

K	L	M	N	O	P	Q	R	S	T
11	12	13	14	15	16	17	18	19	20

U	V	W	X	Y	Z
21	22	23	24	25	26



6 18 1 3 20 9 15 14



Fraction



# Vocabulary Word

1

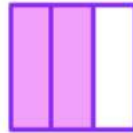
## Fraction

كسور

Part of a group.



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



$$\frac{2}{3}$$



$$\frac{7}{10}$$



# Represent one whole as a fraction

## Learning Outcome:

Students represent one whole as a fraction.

## Learning Target:

1. I can write as a fraction.
2. I can explain why 1 can be written as a fraction.

Lesson 7-4  
**Represent One Whole as a Fraction**

**Be Curious**  
How are they the same?  
How are they different?

**Math is... Mindset**  
How can you be part of the classroom community?





## Learn

Tess represents one whole with the fractions  $\frac{3}{3}$ ,  $\frac{6}{6}$ , and  $\frac{8}{8}$ .

How can you determine whether each fraction is equal to one whole?

► **One Way** You can use a number line. Use the numerator and denominator to partition and label the number line.



$\frac{3}{3}$  and 1 are at the same point on the number line.

$$\frac{3}{3} = 1$$

► **Another Way** Place **fraction tiles** along the 1 whole tile until they show the same amount.



$$\frac{6}{6} = 1$$

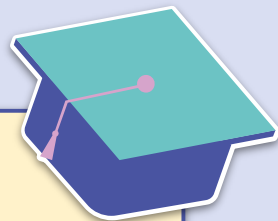


$$\frac{8}{8} = 1$$

A fraction is equal to 1 when the numerator and denominator represent the same number of parts.

### Math is... Choosing Tools

What other tools could you use to show that a fraction with the same numerator and denominator is equal to 1?



## Work Together

denominator is equal to 1?

Tyler is counting by sixths. He says these numbers while counting.

*“One-sixth, two-sixths, three-sixths, four-sixths, five-sixths, one.”*

Is Tyler’s counting correct? How do you know?

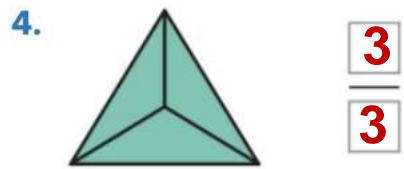
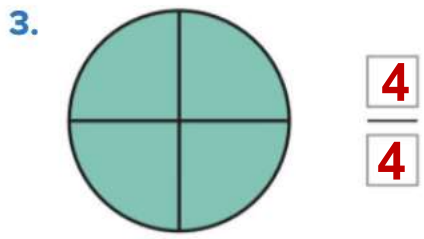
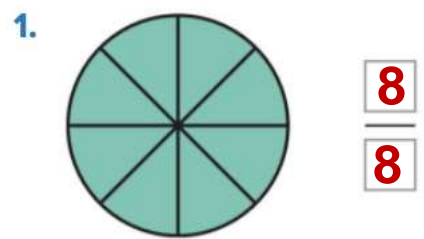
$$\frac{6}{6}$$

**Yes, six-sixths is equal to 1**

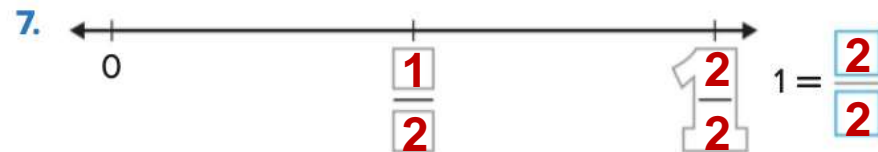
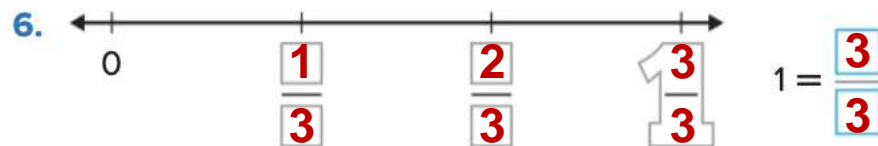
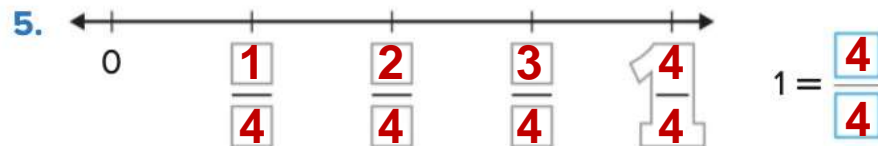
# On My Own

Name \_\_\_\_\_

What fraction represents the shaded part of the shape?



How can you label the number line using fractions?  
What fraction represents 1?



8. Which fractions are equal to 1? Circle them.

$$\frac{1}{2}$$

$$\frac{2}{2}$$

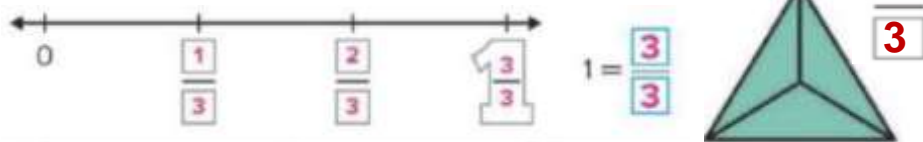
$$\frac{4}{4}$$

$$\frac{3}{3}$$

$$\frac{3}{4}$$

$$\frac{6}{8}$$

9. How can you model  $\frac{3}{3} = 1$  in two different ways?



10. The Harvey family buys a pizza for dinner. The pizza is cut into equal pieces. The family eats  $\frac{6}{6}$  of the pizza. How much pizza is left? Explain.

**None, one whole pizza were eaten.**

$$\frac{6}{6} = 1$$

11. **STEM Connection** Haley has studied every part of the sky on her map. Her map is partitioned into 8 equal parts. How can you represent how much of the map she studied as a fraction?

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



12. **Extend Your Thinking** List 4 fractions equal to one whole. How can you explain why the fractions are equal to one whole without using a model?

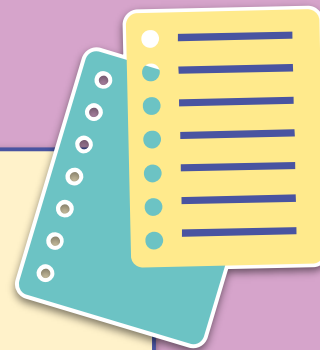
$$\frac{8}{8} \quad \frac{11}{11} \quad \frac{2}{2} \quad \frac{5}{5}$$

**Same numbers = 1**



# Let's practice!

Complete the following activity!



Good job for today! See you tomorrow

