



# 3rd Year Math Task Cards

Unit 3 - Numbers & Operations with Fractions (NF)

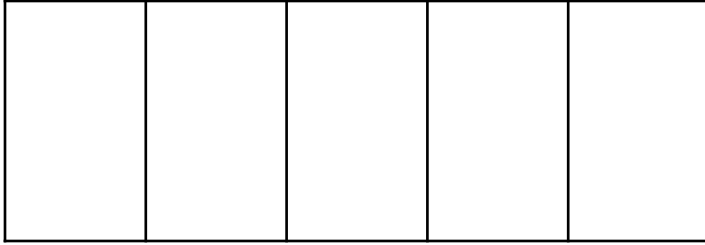
## Directions:

- 1) Locate the assigned “Math Task Cards” from this unit
- 2) If needed, use a material or whiteboard to help you solve the problems
- 3) Record all answers in your “Math Task Journal”
- 4) When you have completed all 20 Task Cards, you may self-correct using the Answer Key
- 5) If you get a problem wrong, circle it with a highlighter or marker

16-20 CORRECT	11-15 CORRECT	0-10 CORRECT
EXCELLING	ACHIEVING	DEVELOPING
WOW - WAY TO GO!	YOU'RE GETTING CLOSE!	NOT YET - KEEP TRYING!

1

How many equal parts?  
What could you name each part?

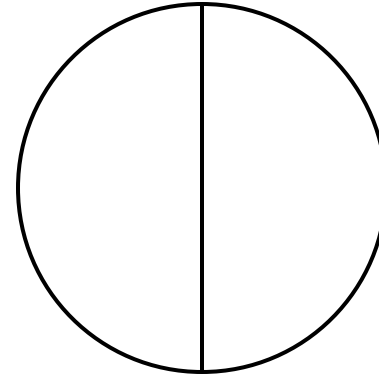


3.NF.1



2

How many equal parts?  
What could you name each part?

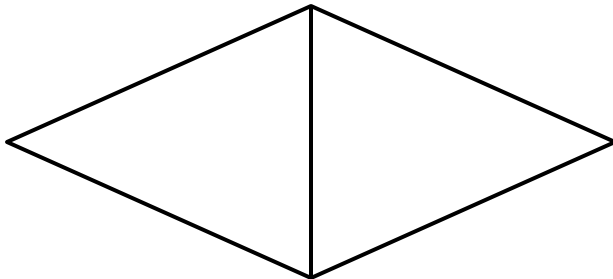


3.NF.1



3

How many equal parts?  
What could you name each part?

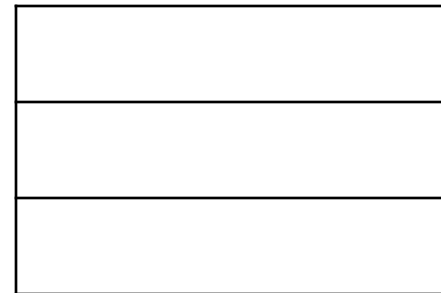


3.NF.1



4

How many equal parts?  
What could you name each part?

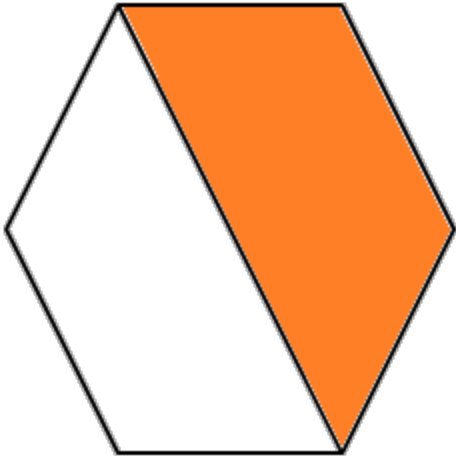


3.NF.1



5

What fraction is shown?

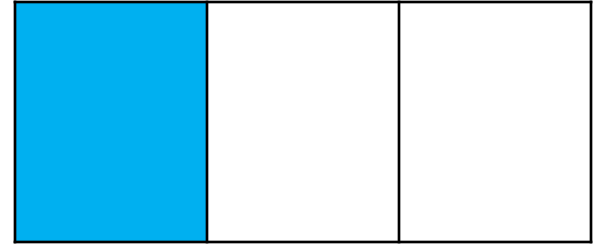


3.NF.1



6

What fraction is shown?

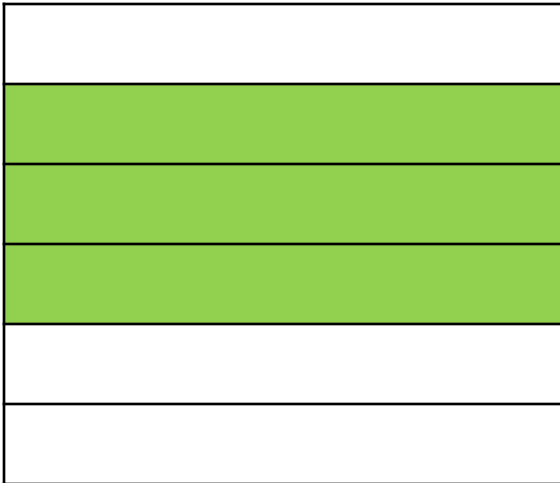


3.NF.1



7

What fraction is shown?



3.NF.1



8

What fraction is shown?



3.NF.1



9

Divide and shade the figure to show  $\frac{2}{5}$ .

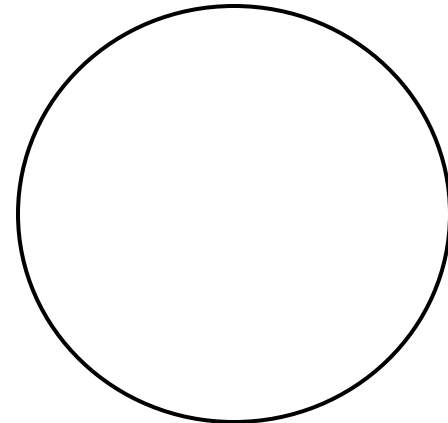


3.NF.1



10

Divide and shade the figure to show  $\frac{3}{4}$ .

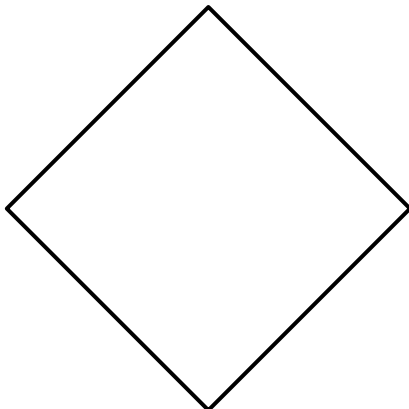


3.NF.1



11

Divide and shade the figure to show  $\frac{1}{8}$ .



3.NF.1



12

Shade in  $\frac{1}{2}$ .

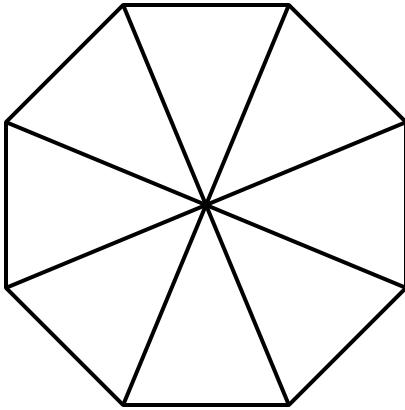


3.NF.1



**13**

How many equal parts?  
What could you name each part?

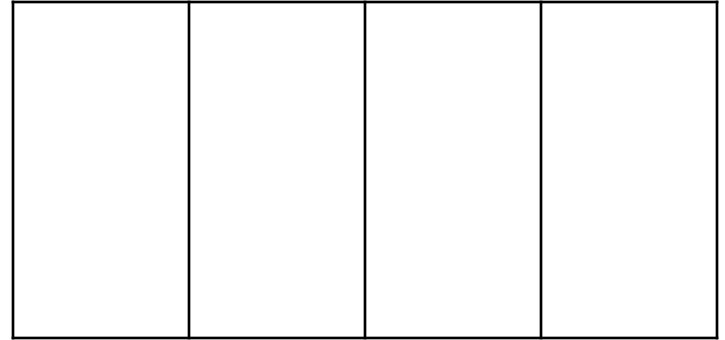


**3.NF.1**



**14**

How many equal parts?  
What could you name each part?



**3.NF.1**



**15**

How many equal parts?  
What could you name each part?

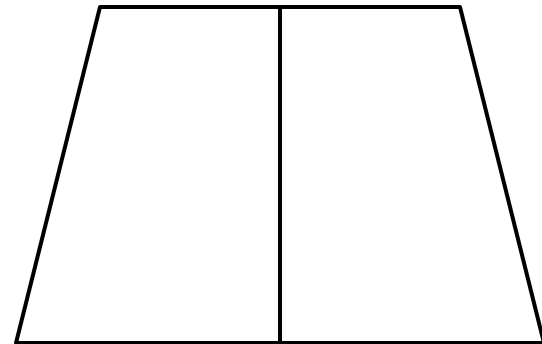


**3.NF.1**



**16**

How many equal parts?  
What could you name each part?

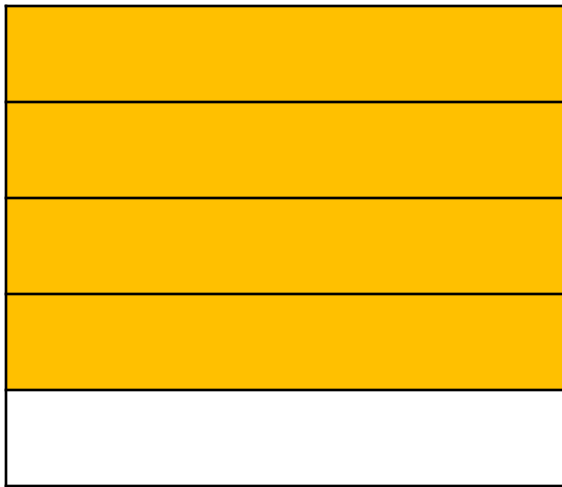


**3.NF.1**



17

What fraction is shown?

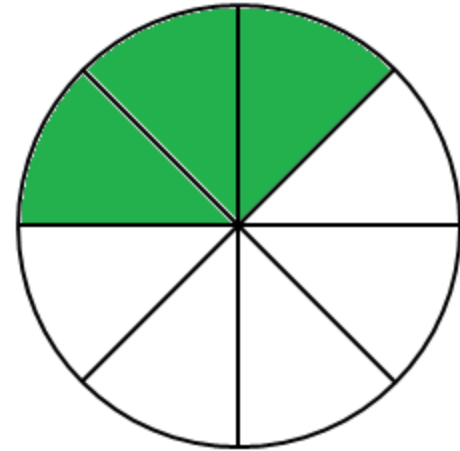


3.NF.1



18

What fraction is shown?

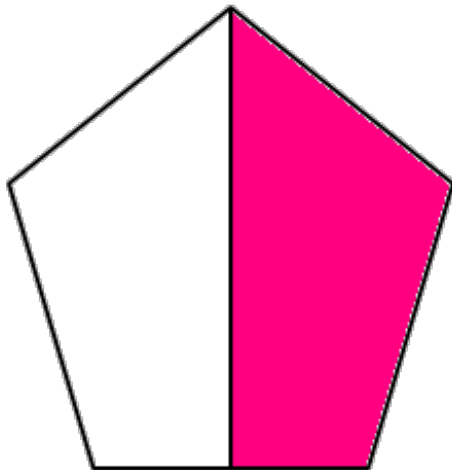


3.NF.1



19

What fraction is shown?

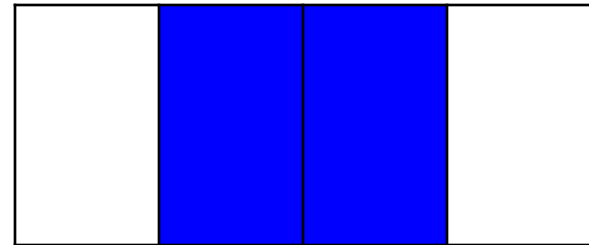


3.NF.1



20

What fraction is shown?



3.NF.1



# Fractions

# ANSWER KEY

1.

5 equal parts  
 $\frac{1}{5}$

2.

2 equal parts  
 $\frac{1}{2}$

3.

2 equal parts  
 $\frac{1}{2}$

4.

3 equal parts  
 $\frac{1}{3}$

5.

$\frac{1}{2}$

6.

$\frac{1}{3}$

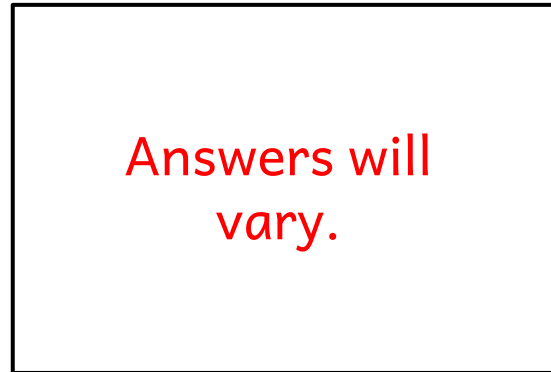
7.

$\frac{3}{6}$

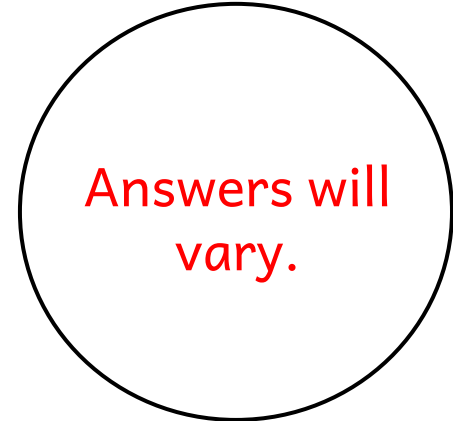
8.

$\frac{2}{4}$

9.



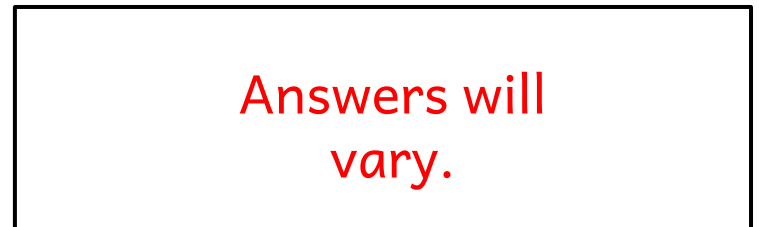
10.



11.



12.





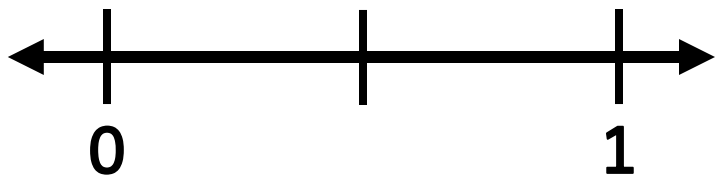
# Fractions

## ANSWER KEY

13. 8 equal parts $1/8$	14. 4 equal parts $1/4$	15. 2 equal parts $1/2$	16. 2 equal parts $1/2$
17. $4/5$	18. $3/8$	19. $1/2$	20. $2/4$

1

How many equal pieces are in the number line?

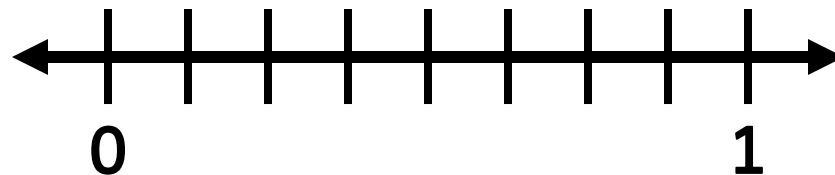


3.NF.2



2

How many equal pieces are in the number line?

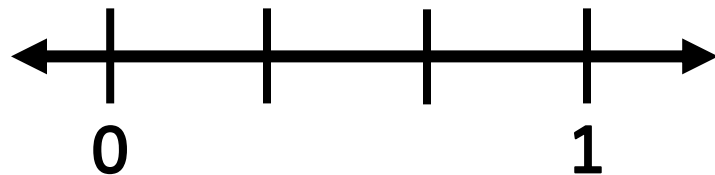


3.NF.2



3

How many equal pieces are in the number line?

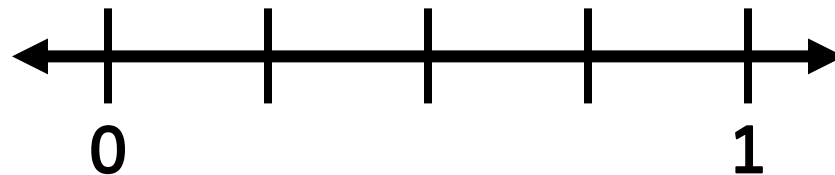


3.NF.2



4

How many equal pieces are in the number line?

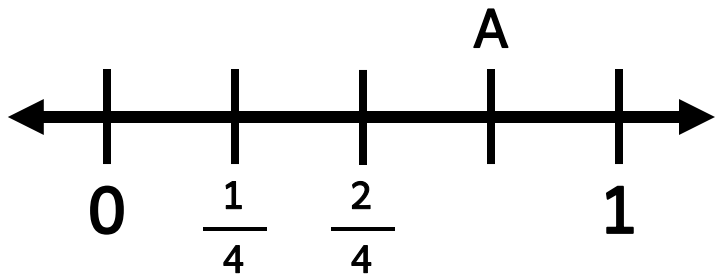


3.NF.2



5

What is the fraction located at point A?

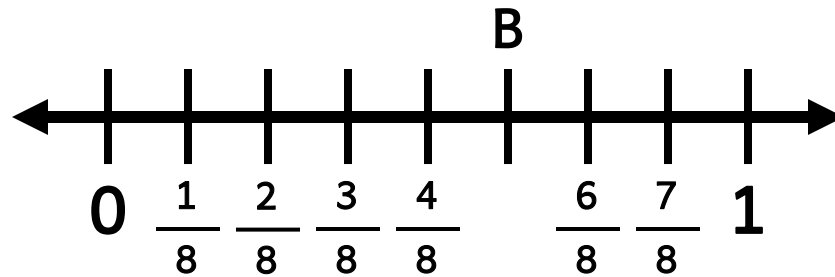


3.NF.2



6

What is the fraction located at point B?

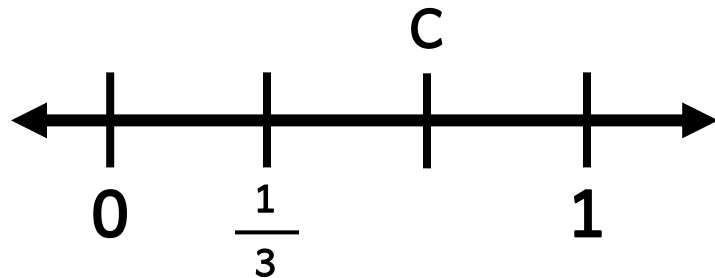


3.NF.2



7

What is the fraction located at point C?

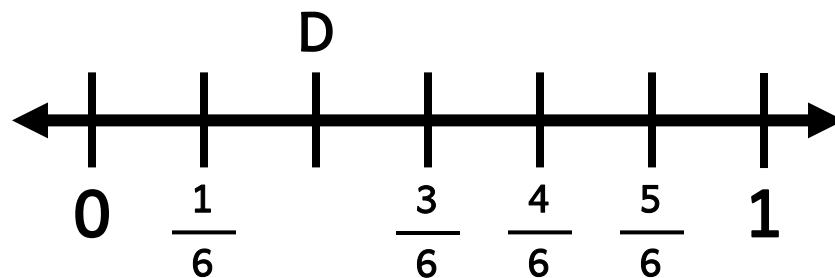


3.NF.2



8

What is the fraction located at point D?

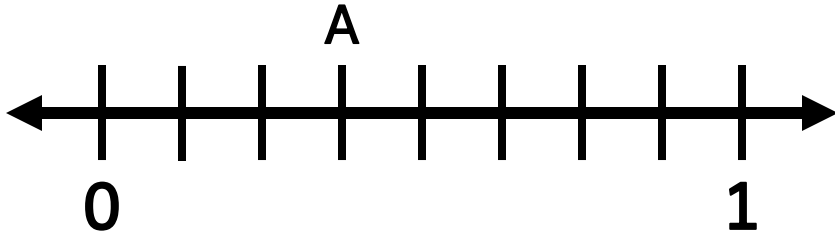


3.NF.2



9

What is the fraction located at point A?

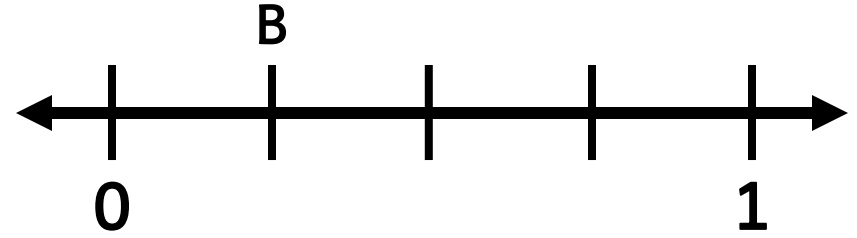


3.NF.2



10

What is the fraction located at point B?

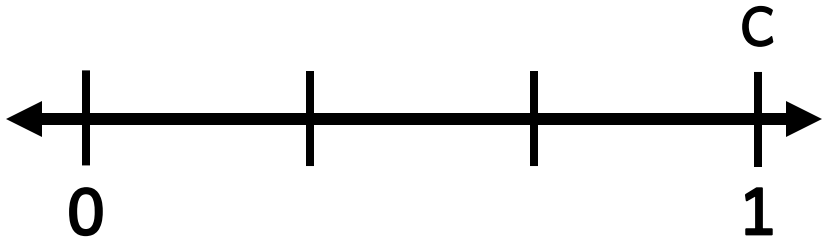


3.NF.2



11

What is the fraction located at point C?

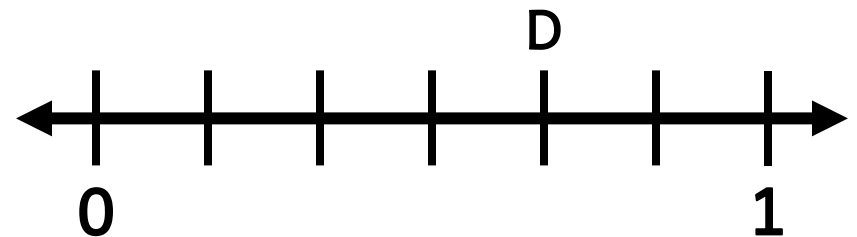


3.NF.2



12

What is the fraction located at point D?

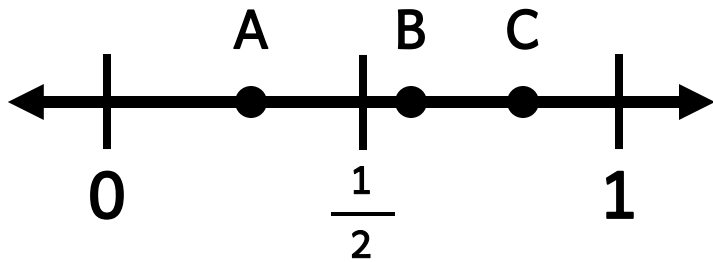


3.NF.2



13

Which letter best shows  $\frac{1}{3}$ ?

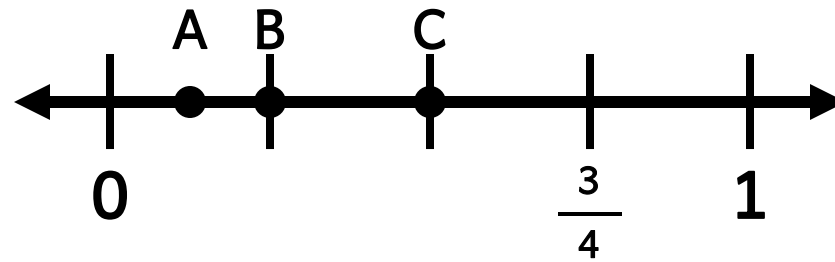


3.NF.2



14

Which letter best shows  $\frac{1}{2}$ ?

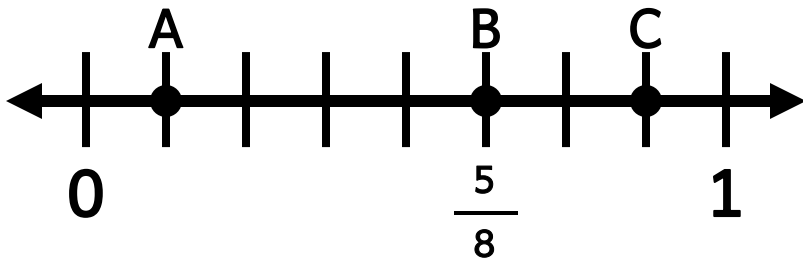


3.NF.2



15

Which letter best shows  $\frac{7}{8}$ ?

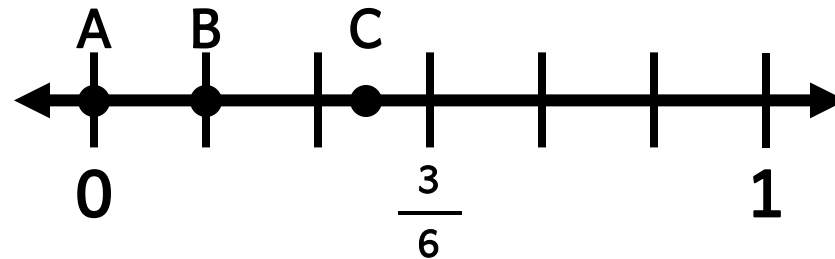


3.NF.2



16

Which letter best shows  $\frac{1}{6}$ ?

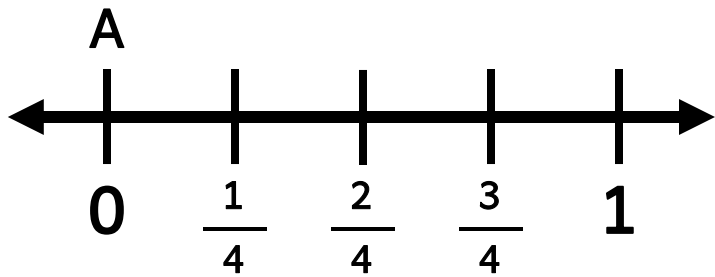


3.NF.2



17

What is the fraction located at point A?

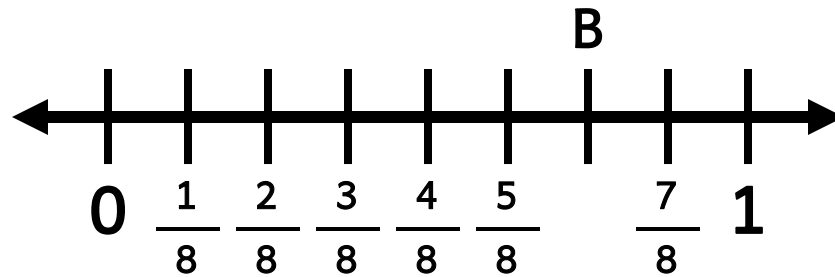


3.NF.2



18

What is the fraction located at point B?

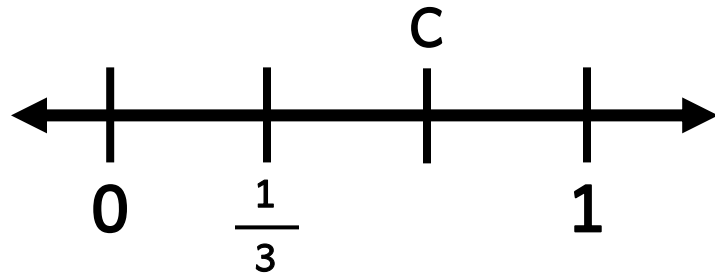


3.NF.2



19

What is the fraction located at point C?

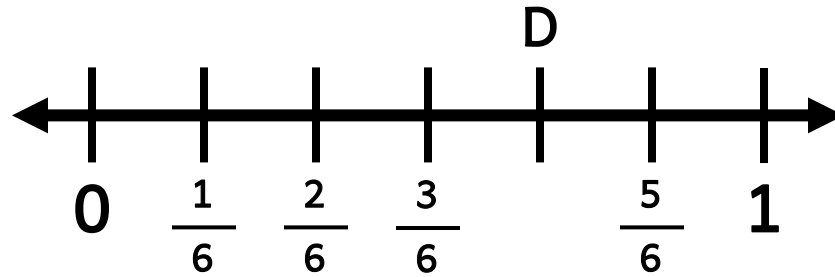


3.NF.2



20

What is the fraction located at point D?



3.NF.2



21

Partition the number line into 4 equal pieces.



3.NF.2



22

Partition the number line into 8 equal pieces.

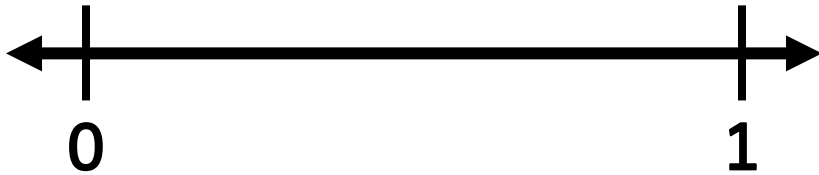


3.NF.2



23

Partition the number line into 3 equal pieces.

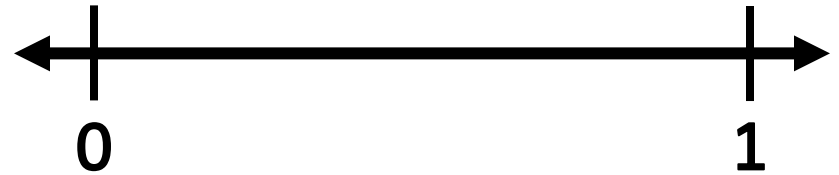


3.NF.2



24

Partition the number line into 6 equal pieces.



3.NF.2



# Fractions on Number Lines $\triangle$

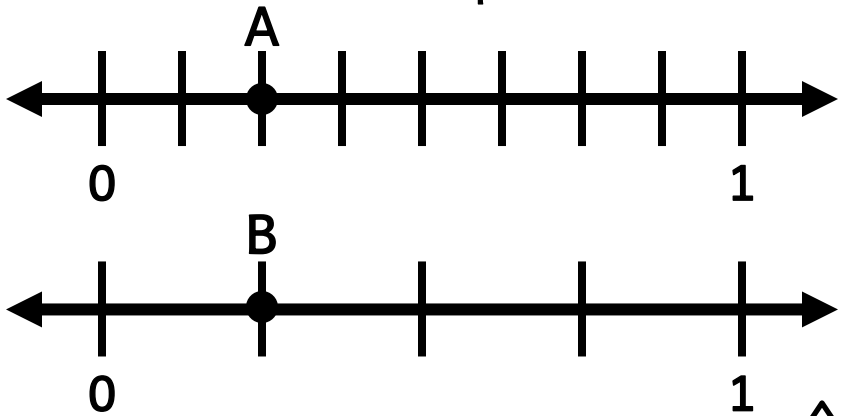
## ANSWER KEY

1. <b>2</b>	2. <b>8</b>	3. <b>3</b>	4. <b>4</b>
5. <b><math>\frac{3}{4}</math></b>	6. <b><math>\frac{5}{8}</math></b>	7. <b><math>\frac{2}{3}</math></b>	8. <b><math>\frac{2}{6}</math></b>
9. <b><math>\frac{3}{8}</math></b>	10. <b><math>\frac{1}{4}</math></b>	11. <b><math>\frac{1}{3}</math></b>	12. <b><math>\frac{4}{6}</math></b>
13. <b>A</b>	14. <b>C</b>	15. <b>C</b>	16. <b>B</b>
17. <b><math>\frac{0}{4}</math></b>	18. <b><math>\frac{6}{8}</math></b>	19. <b><math>\frac{2}{3}</math></b>	20. <b><math>\frac{4}{6}</math></b>



1

Use '>', '<', or '=' to identify the relationship between point A and point B.

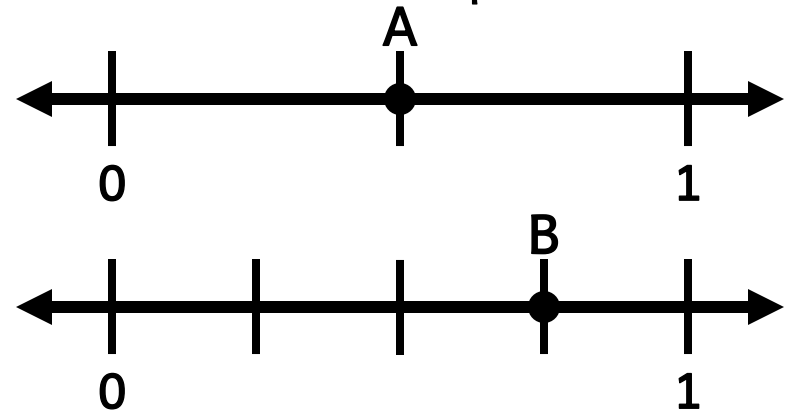


3.NF.3



2

Use '>', '<', or '=' to identify the relationship between point A and point B.

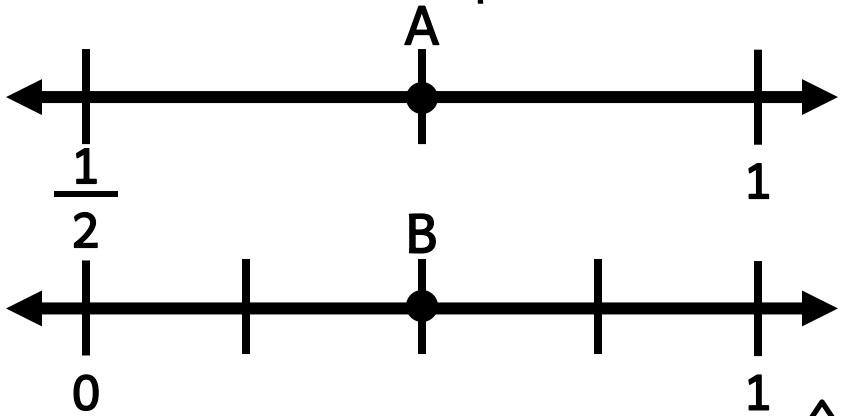


3.NF.3



3

Use '>', '<', or '=' to identify the relationship between point A and point B.

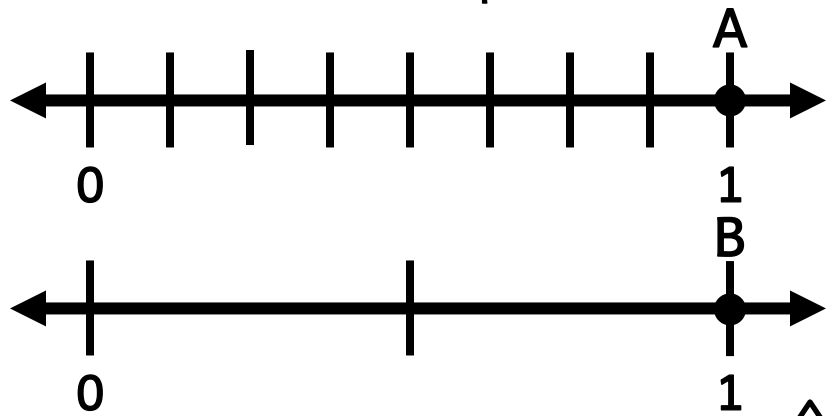


3.NF.3



4

Use '>', '<', or '=' to identify the relationship between point A and point B.



3.NF.3



5

How many should be shaded on Figure B to be equivalent to Figure A?

Figure A

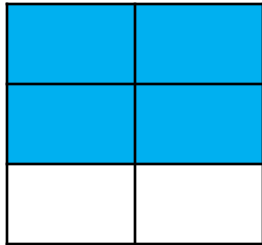


Figure B



3.NF.3



6

How many should be shaded on Figure B to be equivalent to Figure A?

Figure A

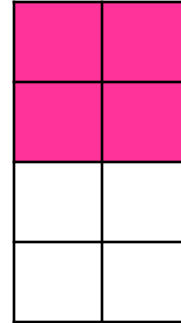


Figure B



3.NF.3



7

How many should be shaded on Figure B to be equivalent to Figure A?

Figure A

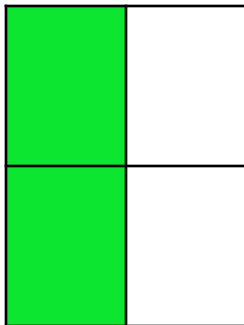
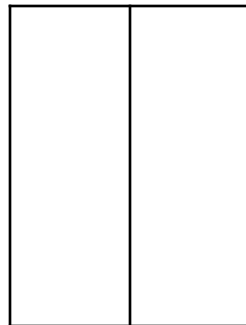


Figure B



3.NF.3



8

How many should be shaded on Figure B to be equivalent to Figure A?

Figure A

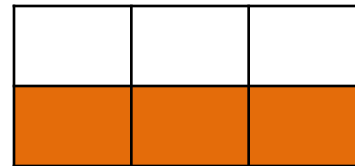
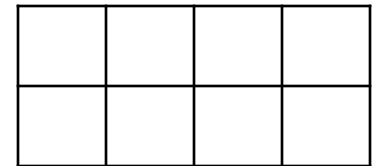


Figure B



3.NF.3



9

Find an equivalent fraction with a smaller denominator.

$$\frac{2}{4}$$

3.NF.3



10

Find an equivalent fraction with a smaller denominator.

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

3.NF.3



11

Find an equivalent fraction with a smaller denominator.

$$\frac{3}{6}$$

3.NF.3



12

Find an equivalent fraction with a smaller denominator.

$$\frac{2}{8}$$

3.NF.3



13

Convert 3 to a fraction.

3.NF.3



14

Convert 5 to a fraction.

3.NF.3



15

Convert  $\frac{6}{1}$  to a whole number.

3.NF.3



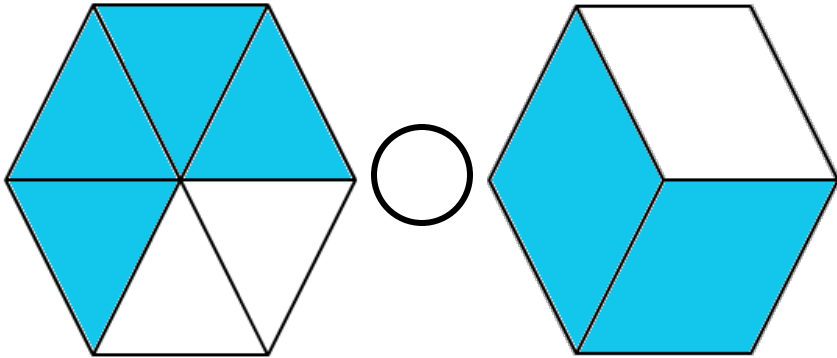
16

Convert  $\frac{4}{4}$  to a whole number.

3.NF.3



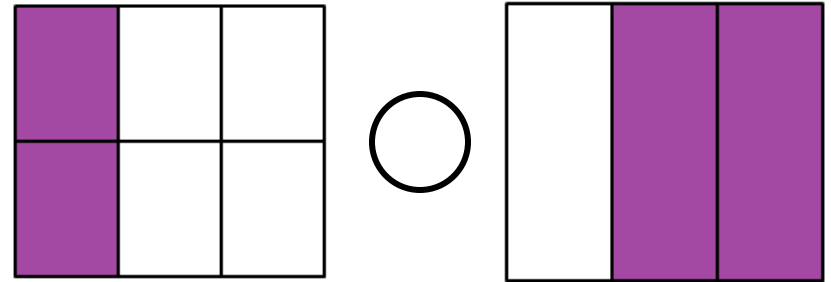
**17** Compare using '>', '<', or '='.



3.NF.3



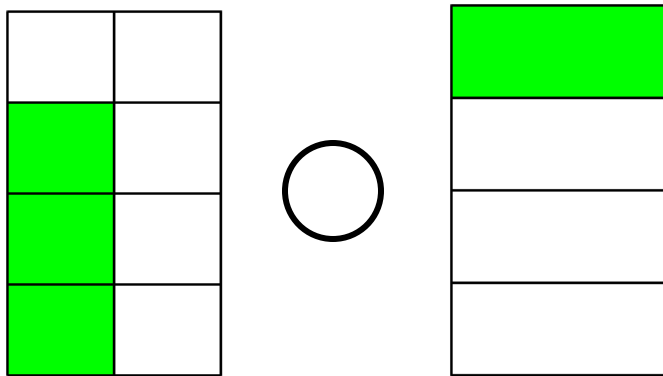
**18** Compare using '>', '<', or '='.



3.NF.3



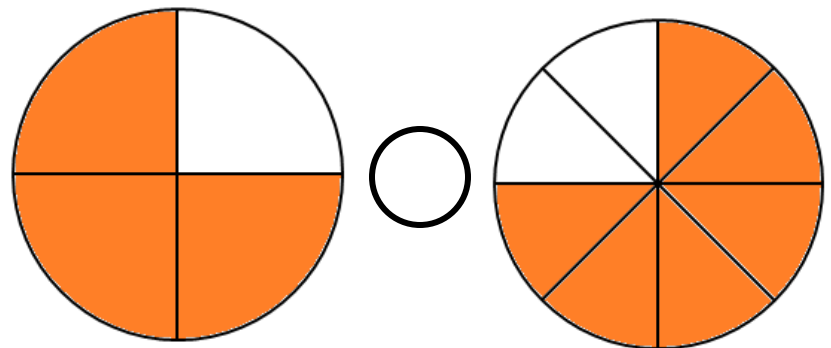
**19** Compare using '>', '<', or '='.



3.NF.3



**20** Compare using '>', '<', or '='.



3.NF.3



# Fractions: Equivalent & Comparing $\triangle$

**ANSWER KEY**

1.  <b>=</b>	2.  <b>&lt;</b>	3.  <b>&gt;</b>	4.  <b>=</b>
5.  <b>2</b>	6.  <b>1</b>	7.  <b>1</b>	8.  <b>4</b>
9.  <b><math>\frac{1}{2}</math></b>	10.  <b><math>\frac{3}{4}</math></b>	11.  <b><math>\frac{1}{2}</math></b>	12.  <b><math>\frac{1}{4}</math></b>
13.  <b><math>\frac{3}{1}</math></b>	14.  <b><math>\frac{5}{1}</math></b>	15.  <b>6</b>	16.  <b>1</b>
17.  <b>=</b>	18.  <b>&lt;</b>	19.  <b>&gt;</b>	20.  <b>=</b>