

## **Tier 2 Mathematics Intervention**

## Module: Fraction Models (FM)

## Form C Assessment

Name	) 	
Date		
-		

Teacher \_\_\_\_\_

**1.)** Find the equal share using fraction bars when 4 friends share 1 chocolate bar equally. Choose the answer that shows the equal share.



- A one-fourth of the chocolate bar
- B two-halves of the chocolate bar
- C one whole chocolate bar
- D four chocolate bars
- **2.)** Choose the sharing situation that would have an equal share of one-half of a cake.
  - A 4 friends share 1 cake equally
  - **B** 2 friends share 1 cake equally
  - C 8 friends share 1 cake equally
  - D 1 friend eats 8 cakes
- **3.)** Find the equal share using fraction bars when 5 friends share 1 stick of gum equally. Choose the answer that shows the equal share.



D one-fifth of a piece of gum

- 4.) Choose the equal share when 2 people share 1 cupcake.
  - A 2 cupcakes
  - B one-half of a cupcake
  - C two-thirds of a cupcake
  - **D** 1 cupcake
- **5.)** Find the equal share using the rectangle provided when 5 monkeys share 1 banana. Choose the answer that shows the equal share.



- A one-fifth of a banana
- **B** five bananas
- C one whole banana
- D two-fifths of a banana

Choose the letter that shows the equal share.

6.) 8 friends share 1 cake equally.



7.) Using the picture provided, find the equal share when 4 people share 2 pies equally. Choose the answer that shows the equal share.





- A two-fourths of a pie
- B one-four of a pie
- C one whole pie
- D three-thirds of a pie

Choose the equal share.

8.) 6 people share 3 giant cookies.









**9.)** Find the equal share when 6 people share 4 sandwiches equally. Choose the answer that shows how much each person will receive.



- A six-sixths of the sandwiches
- B one-fourth of the sandwich
- **C** six-thirds of the sandwiches
- D four-sixths of the sandwiches

Choose the equal share.

10.) 7 workers share 5 sandwiches equally.





11.) Choose the answer that shows the fraction of how many of the total animals are puppies.









- **A**  $\frac{3}{3}$  of the animals are puppies
- **B**  $\frac{2}{3}$  of the animals are puppies
- **C**  $\frac{3}{4}$  of the animals are puppies
- **D**  $\frac{2}{4}$  of the animals are puppies

12.) Choose the picture that shows  $\frac{3}{5}$  of the tools are hammers.



Locate and label the fraction on the number line.

**13.)** 5 friends share 2 feet of rope equally. Choose the answer that correctly shows the equal share on the number line.



14.) 7 students share 3 sandwiches equally. Choose the answer that correctly shows the equal share on the number line.





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15.) Choose the answer that shows the fraction equal to 1 whole?

**A** 
$$\frac{3}{3}$$
 **B**  $\frac{3}{4}$  **C**  $\frac{1}{4}$  **D**  $\frac{2}{4}$ 

16.) Choose the model that does **not** show 1 whole.



17.) Choose the correct statement that shows the fraction for the model.



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**21.)** Choose the answer that shows an equivalent equal share for 6 people sharing 2 granola bars.



**22.)** 6 friends equally share 3 brownies another way. What is another way for 6 friends to equally share 3 brownies?





Shade the shapes below to support your answer.

**24.)** What fraction is equivalent to  $\frac{1}{4}$ ?

**A** 
$$\frac{2}{3}$$
 **B**  $\frac{1}{6}$  **C**  $\frac{2}{8}$  **D**  $\frac{5}{7}$ 



Choose the fraction equivalent to the fraction shown by the area model.



**26.)** Choose the model that shows a fraction equivalent to  $\frac{1}{2}$  of the pie, shown by the model below.



**27.)** The length of Lucca's pencil eraser is  $\frac{6}{8}$  of a centimeter. What other fraction represents this length?

**A** 
$$\frac{1}{3}$$
 **B**  $\frac{1}{2}$  **C**  $\frac{4}{8}$  **D**  $\frac{3}{4}$ 

**28.)** The average rainfall in September is  $\frac{2}{5}$  of an inch. How many tenths is this?

$$\frac{2}{5} = \frac{10}{10}$$
 of an inch

**A** 
$$\frac{2}{5} = \frac{4}{10}$$
  
**B**  $\frac{2}{5} = \frac{3}{10}$   
**C**  $\frac{2}{5} = \frac{6}{10}$   
**D**  $\frac{2}{5} = \frac{1}{10}$ 

**29.)** Choose the number line that shows a fraction equivalent to  $\frac{2}{4}$ .







the size of the parts get

- A smaller, larger
- B larger, smaller
- C larger, larger
- D smaller, smaller
- **31.)** Miles grew  $\frac{4}{8}$  of an inch this year. His friend Parker grew  $\frac{3}{8}$  of an inch. Did Miles grow more or less than Parker?



- A Parker grew less than Miles.
- **B** Miles grew the same as Parker.
- C Miles grew more than Parker.
- D Miles grew less than Parker.
- **32.)** Choose the fraction that is less than  $\frac{3}{4}$ .





**33.)** Choose the correct symbol to compare  $\frac{5}{6}$  and  $\frac{5}{8}$ .



**34.)** Choose the letter that does NOT show the fractions compared correctly. Remember < means "less than" and > means "greater than".

**A** 
$$\frac{3}{8} > \frac{2}{8}$$
  
**B**  $\frac{2}{3} > \frac{2}{6}$   
**C**  $\frac{3}{4} > \frac{3}{8}$   
**D**  $\frac{5}{6} < \frac{5}{9}$ 



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**38.)** If the wholes are the same size,  $\frac{2}{6}$  and  $\frac{1}{3}$ 

- A have different sizes of parts in the whole.
- B have the same number of shaded parts.
- C have the different amounts shaded.
- **D** have different wholes.
- **39.)** Use your ruler and choose the letter of the rectangle that is  $4\frac{1}{2}$  inches wide.





**40.)** Below is the height of a cylinder shaded on a ruler. What is the height of the cylinder?



What whole numbers is the height between? 3 and 4.

There are 8 equal parts between each whole number.

Each part between the whole numbers represents  $\frac{1}{8}$ .

How many marks past 3 is the measurement? 4 marks.

**A** 
$$3\frac{4}{8}$$
 inches  
**B**  $4\frac{1}{8}$  inches  
**C** 4 inches

**D** 
$$3\frac{1}{2}$$
 inches

