## Tier 2 Mathematics Intervention

Module: Fraction Models (FM)

## Form C Assessment

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.


A two-fifths of a piece of gum
B one-half of a piece of gum
C one whole piece of gum
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.


B


C


D

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.
A


B


C

$\bigcirc$
$\frac{3}{3}$ are circles

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

A $\frac{3}{3}$
B $\frac{8}{5}$
C $\frac{8}{8}$
D $\frac{5}{8}$
18.) Choose the fraction that has 6 in the numerator.
A $\frac{2}{4}$
B $\frac{6}{8}$
C $\frac{3}{6}$
D $\frac{1}{4}$
19.) Choose the model that shows $\frac{3}{6}$.

D

20.) Choose the model that does not show $\frac{5}{8}$.
A

C


D


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

A

C

B

D

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

Brownie 1
Brownie 2



Friend 1


Friend 2


Friend 3


Friend 4


Friend 5


Friend 6

A two-sixths
B one-half
C two-thirds
D two-sixths
23.) Choose the model that is not equivalent to $\frac{1}{2}$.
A

C

B

D


Shade the shapes below to support your answer.
$\square$

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.
25.)

A $\frac{1}{6}$
B $\frac{3}{2}$
C $\frac{3}{4}$
D $\frac{2}{6}$
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?

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

A $\frac{2}{5}=\frac{4}{10}$
C $\frac{2}{5}=\frac{6}{10}$
B $\frac{2}{5}=\frac{3}{10}$
D $\frac{2}{5}=\frac{1}{10}$
29.) Choose the number line that shows a fraction equivalent to $\frac{2}{4}$.


B


C


D

30.) As the denominator gets $\qquad$ the size of the parts get
$\qquad$ .

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 $\frac{3}{4}$.
A $\frac{4}{4}$
C $\frac{6}{4}$
B $\frac{2}{4}$
D $\frac{5}{4}$
33.) Choose the correct symbol to compare $\frac{5}{6}$ and $\frac{5}{8}$.


A >
B <
C =
D no symbol needed.
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 $\frac{5}{6}<\frac{5}{9}$
35.) Use the number lines to compare $\frac{2}{3}$ and $\frac{2}{4}$.


$$
\frac{2}{3} \bigcirc \frac{2}{4}
$$


A $\frac{2}{3}=\frac{2}{4}$
C $\frac{2}{4}>\frac{2}{3}$
B $\frac{2}{3}<\frac{2}{4}$
D $\frac{2}{3}>\frac{2}{4}$
36.) Choose the fraction that is less than $\frac{5}{8}$.
A $\frac{7}{8}$
B $\frac{5}{8}$
C $\frac{4}{8}$
D $\frac{6}{8}$
37.) Shade the models and then compare the fractions.


$$
\frac{4}{6} \bigcirc \frac{4}{8}
$$

A $\frac{4}{8}>\frac{4}{6}$
C $\frac{4}{6}>\frac{4}{8}$
B $\frac{4}{6}=\frac{4}{8}$
D $\frac{4}{6}<\frac{4}{8}$
38.) If the wholes are the same size, $\frac{2}{6}$ and $\frac{1}{3}$ $\qquad$ .

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.


B


C


D
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

