Cumulative Practice

Name: _____

Set 1: Time

Write the time in two ways in problems 1 and 2.

1

_____

_____ minutes before _____

2

_____

_____ minutes after _____

Solve problem 3. Show your work.

3 Steve's soccer game starts at 5:30 PM. Steve wants to be at the field 20 minutes before the game starts. It takes him 8 minutes to get to the field. What time should Steve leave home?

Set 2: Liquid Volume

Solve the problems. Show your work.

1 Alvaro uses a 5-liter watering can to water his flowers. He fills the watering can 6 times and uses all the water. How much water does Alvaro use to water his flowers?

2 A water truck can hold 375 liters of water. There are 165 liters of water in the truck. How much more water can the truck hold?

Set 3: Mass

Solve the problems. Show your work.

1. Ami buys some 3-kilogram bags of apples. In total, she has 9 kilograms of apples. How many bags of apples does she buy?

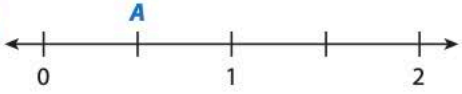
2. Kellan has a cat and a dog. The dog's mass is 30 kilograms. The cat's mass is 5 kilograms. What is the difference in mass between the cat and the dog?

3. Joe carries a book and a pencil. The book's mass is 360 grams. The pencil's mass is 8 grams. What is the total mass of the book and the pencil?

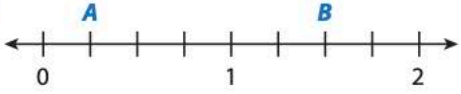
4. Olive has 10 marbles. Each marble has a mass of 4 grams. What is the total mass of her marbles?

Set 4: Fractions on a Number Line

Identify the fractions at each letter on the number lines for problems 1 and 2.

1. 

A is .....

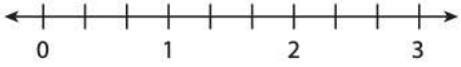
2. 

A is ..... *B* is .....

Label the fraction on the number line for problems 3 and 4.

3. Write $\frac{1}{6}$.

4. Write $\frac{5}{3}$.



Name: _____

Set 5: Equivalent Fractions

Fill in the missing numbers to make equivalent fractions.

1. $\frac{2}{4} = \frac{\square}{2}$
2. $\frac{2}{3} = \frac{4}{\square}$
3. $\frac{3}{4} = \frac{\square}{8}$
4. $\frac{8}{8} = \frac{\square}{6}$
5. $\frac{1}{4} = \frac{\square}{8}$
6. $\frac{2}{6} = \frac{1}{\square}$
7. $\frac{1}{2} = \frac{4}{\square}$
8. $\frac{1}{2} = \frac{3}{\square}$
9. $\frac{3}{2} = \frac{\square}{4}$

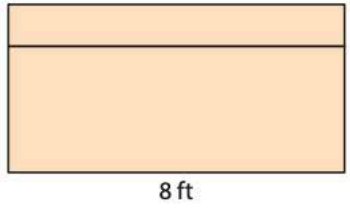
Set 6: Compare Fractions

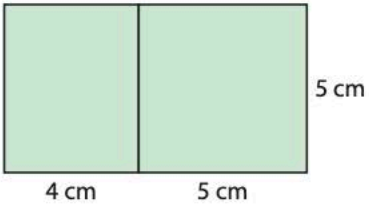
Write <, >, or = in each circle to compare the fractions.

1. $\frac{2}{3} \bigcirc \frac{2}{4}$
2. $\frac{2}{6} \bigcirc \frac{3}{6}$
3. $\frac{4}{8} \bigcirc \frac{4}{6}$
4. $\frac{1}{2} \bigcirc \frac{1}{2}$
5. $\frac{3}{4} \bigcirc \frac{3}{8}$
6. $\frac{5}{8} \bigcirc \frac{7}{8}$
7. $\frac{3}{4} \bigcirc \frac{1}{4}$
8. $\frac{3}{6} \bigcirc \frac{4}{6}$
9. $\frac{1}{2} \bigcirc \frac{1}{3}$

Set 7: Add Area

Find the total area of each rectangle. Show your work.

1. 

2. 

Name: _____

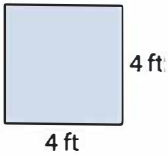
Set 8: Compare Fractions

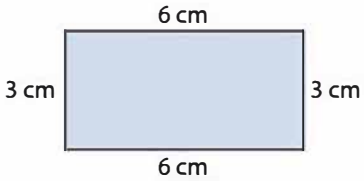
Write <, >, or = in each circle to compare the fractions.

1. $\frac{1}{2}$ ◯ $\frac{1}{6}$
2. $\frac{5}{6}$ ◯ $\frac{4}{6}$
3. $\frac{2}{8}$ ◯ $\frac{3}{8}$
4. $\frac{9}{3}$ ◯ $\frac{10}{3}$
5. $\frac{5}{6}$ ◯ $\frac{5}{8}$
6. $\frac{2}{8}$ ◯ $\frac{2}{4}$
7. $\frac{2}{3}$ ◯ $\frac{2}{3}$
6. $\frac{3}{6}$ ◯ $\frac{3}{4}$
9. $\frac{1}{8}$ ◯ $\frac{1}{6}$

Set 9: Multiply to Find Area

Find the area of each shape. Show your work.

1. 

2. 

3. A rectangle with length 9 inches and width 6 inches.

4. A square with sides 8 feet.

5. A rectangle with length 5 meters and width 4 meters.

6. A rectangle with length 8 meters and width 1 meter.