

**A.W. James Elementary
School**

Math

**Independent Learning
Packets**

Grade 3

Student Name _____

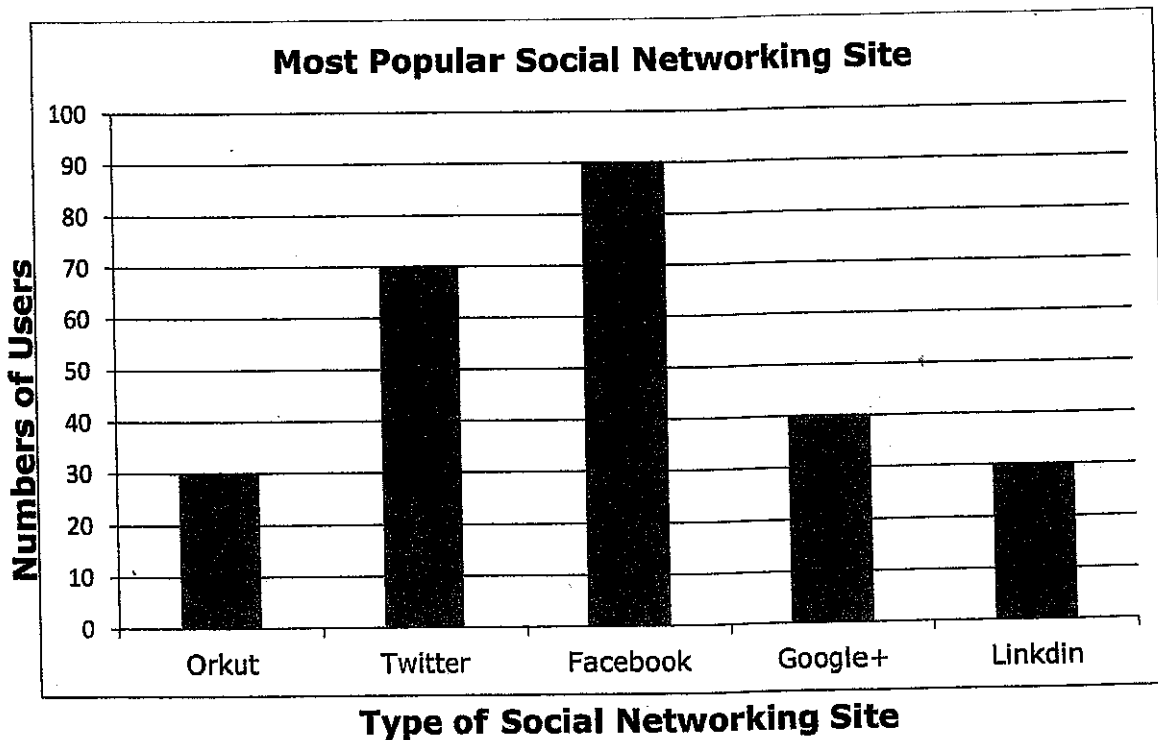
Name _____

Date _____

Reading Bar Graphs - Independent Practice Worksheet

Complete all the problems.

A. People were surveyed about their favorite social networking site. This bar chart shows the data of the survey. Study the bar graph and answer the following questions.



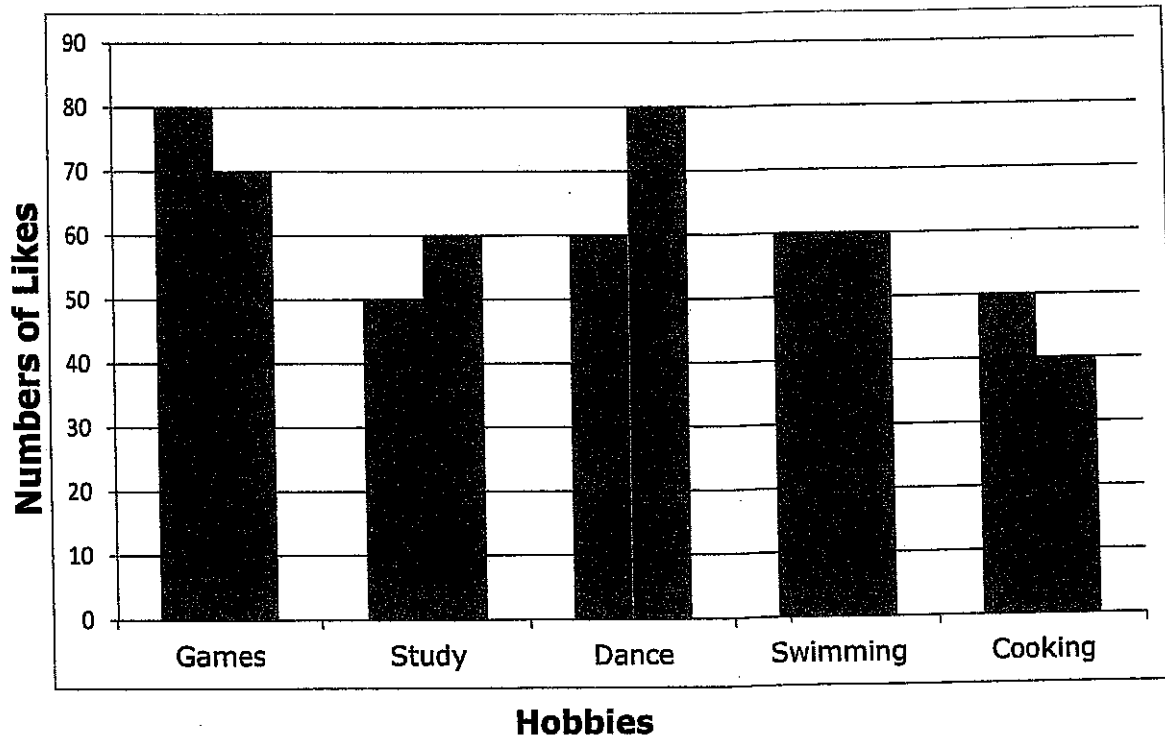
1. Which is the most popular social networking site?
2. Which two sites are equally as popular?
3. Which site is the second most popular?
4. Which site has more than 50 users based on the graph?
5. Which site has 90 users from the group surveyed?



Name _____

Date _____

B. 100 boys and 100 girls in a dance school were surveyed about their hobbies. They were asked if they like or dislike participating in five different activities. This bar chart shows the data of the survey. Study the bar graph and answer the following questions.



Boys

Girls

6. Who likes studying more?

7. Which activity received the same number of likes and dislikes by students?

8. Who likes playing games the most?

9. As a whole, did more boys or girls like these five activities?

10. Overall which is the least popular activity?



Name _____

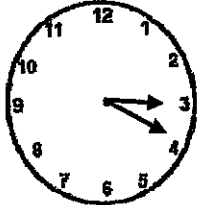
Date _____

3. MD.1

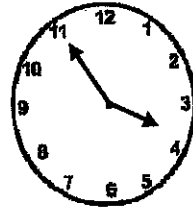
What Time Is It? Worksheet 2

For each of the clocks, write the time.

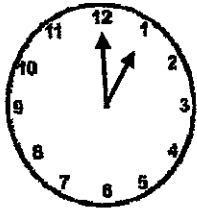
1.



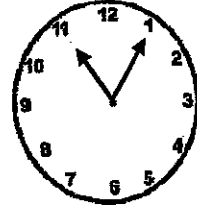
2.



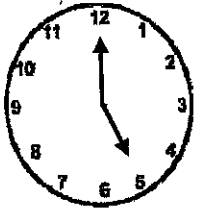
3.



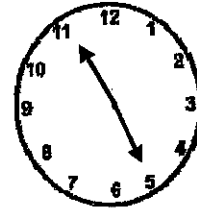
4.



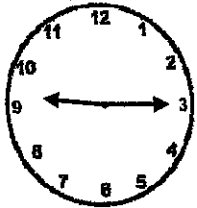
5.



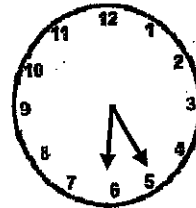
6.



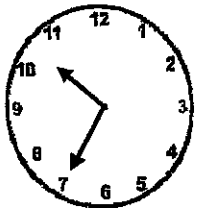
7.



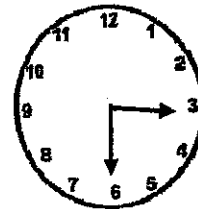
8.



9.



10.



Name _____

Date _____

Estimating Weight- Independent Practice Worksheet

Complete all the problems.

3.MD.2

1. Estimate the weight of a tiger. Circle the estimated weight.



200 kg 20 ounces 500 grams 5 tons

2. Estimate the weight of a feather. Circle the estimated weight.



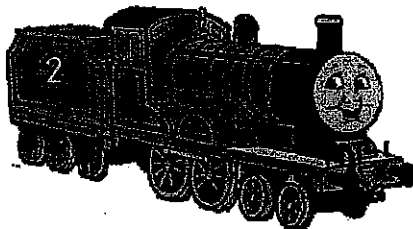
1 kg. 1 gram 1 ton 1 ounce

3. Estimate the weight of a muffin. Circle the estimated weight.



20 ounce 5 grams 5 kg 5 tons

4. Estimate the weight of a train engine. Circle the estimated weight.



50 tons 50 grams 50 kg 50 ounces



Name: _____

Date: _____

Time: ____ : ____ - ____ : ____

Read each question and underline the correct option.

1. Natalie is out for a run. She decides to run around a park in town. The length of the sides of the park are 15 feet, 10 feet, 12 feet and 14 feet. How many feet will Natalie run?

a. 51 feet

b. 15 feet

c. 150 feet

2. A picture has 2 sides that are 6 inches and 2 sides that are 10 inches. What is the perimeter of the picture?

a. 60

b. 22

c. 32

3. A pentagon has 3 sides that are the same length and 2 sides with different lengths. The 3 sides are 8 cm long. The other 2 sides are 11 and 6 cm long. What is the perimeter?

a. 66 cm

b. 41 cm

c. 24 cm

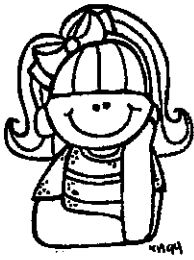
4. What is the perimeter of an octagon that has sides 9 inches long?

a. 70 inches

b. 64 inches

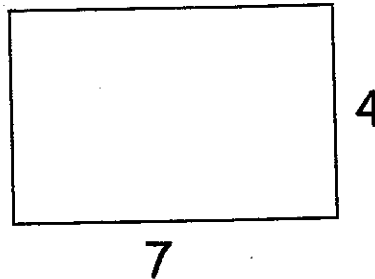
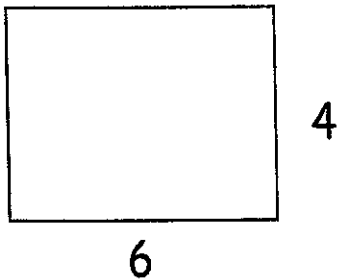
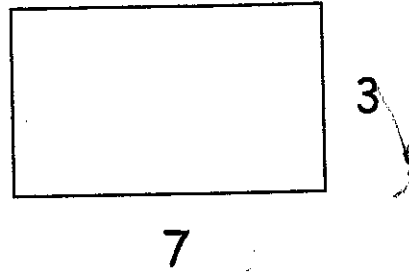
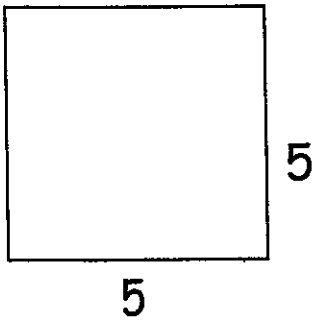
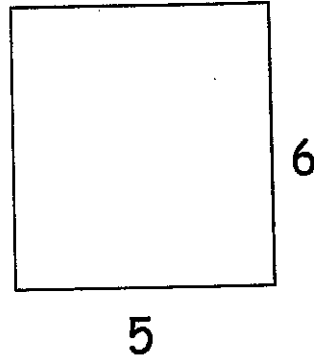
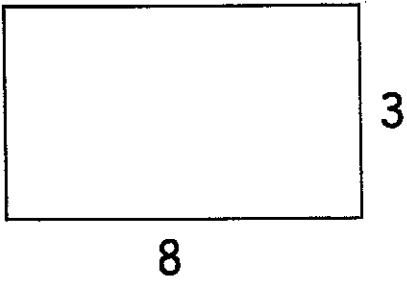
c. 72 inches

Name: _____



Same But Different

Which of the rectangles below have the same area, but different perimeters?

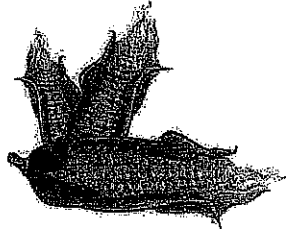


Name _____

Date _____

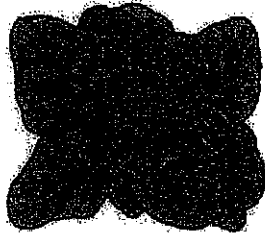
3.MD.2

5. Estimate the weight of an ear of corn. Circle the estimated weight



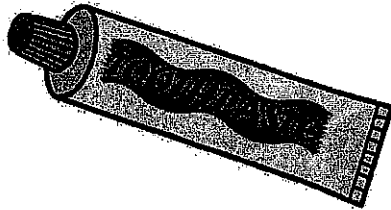
2 tons 2 kg 2 grams 2 ounces

6. Estimate the weight of a spinach plant. Circle the estimated weight



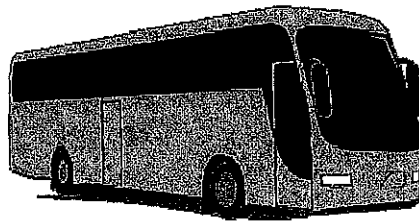
6 ounces 3 kg. 20 grams 1 ton

7. Estimate the weight of toothpaste. Circle the estimated weight



16 ounces 5 kg. 1 ton 4 grams

8. Estimate the weight of a bus. Circle the estimated weight



10 tons 10 kg. 10 grams 10 ounces

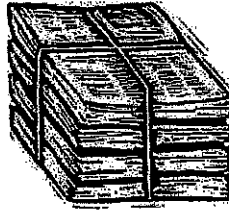


Name _____

Date _____

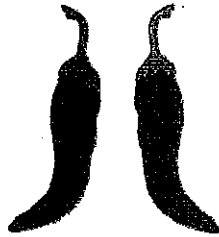
3.MD.2

9. Estimate the weight of a bundle of newspapers. Circle the estimated weight



5 kg 2 tons 10 ounces 15 grams

10. Estimate the weight of chillies. Circle the estimated weight



10 grams 5 kg. 2 tons 7 ounces



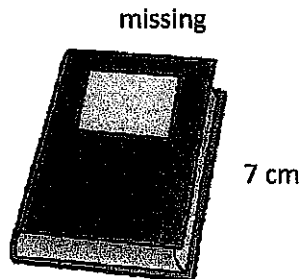
Name _____

Date _____

Perimeter of Polygons In Word Problems Independent Practice

Complete all the problems.

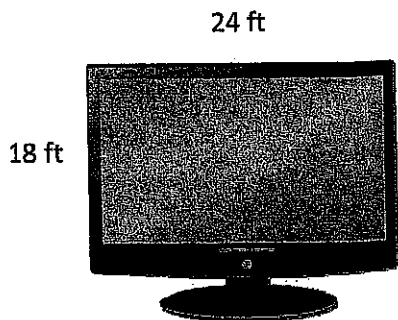
1. A rectangle's perimeter is 54 square meters. The rectangle is 18 meters long. What is its width?
2. A rectangular piece of cheese is 9 centimeters long and 5 centimeters wide. What is its perimeter?
3. A square ice cream box has sides that are 19 feet long. What is the area of the ice cream box?
4. A rectangular table is 14 centimeters long and 12 centimeters wide. What is its perimeter?
5. A rectangular match box is 6 centimeters long and 9 centimeters wide. What is its perimeter?
6. Find the width of the book. The book's perimeter is 22 cm.



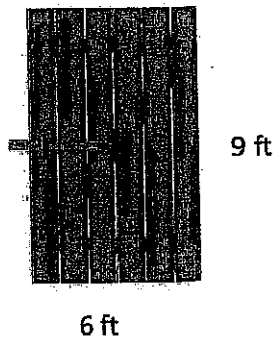
Name _____

Date _____

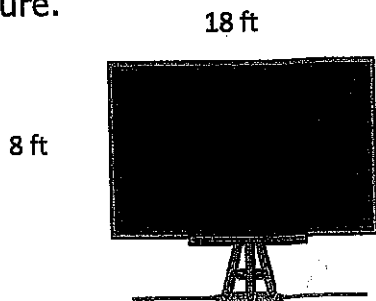
7. Find the perimeter of the LCD TV.



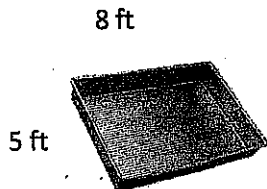
8. Find the area of the figure.



9. Find the area of the figure.



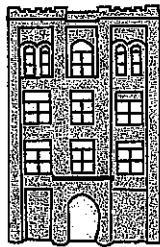
10. Find the area of the cake pan.



Estimating Linear Measurement

Choose the correct answer that best estimates length, height or depth of each object.

1) Height of building



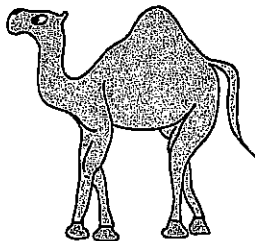
- 5 feet
- 12 yards
- 15 inches

2) Length of key



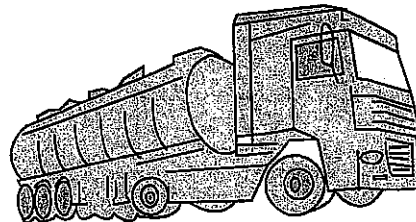
- 2 yards
- 7 feet
- 4 inches

3) Height of camel



- 7 feet
- 9 inches
- 11 yards

4) Length of truck



- 25 inches
- 8 feet
- 10 yards

5) Length of wrench



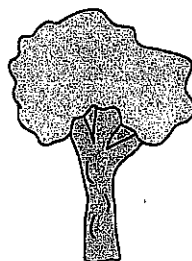
- 7 inches
- 15 feet
- 3 yards

6) Length of toothpaste



- 10 feet
- 6 inches
- 10 yards

7) Height of tree



- 8 yards
- 1 foot
- 7 inches

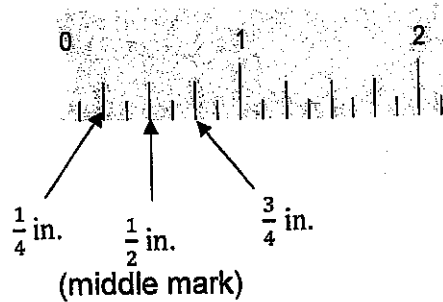
8) Length of earthworm



- 10 feet
- 5 inches
- 2 yards

Measuring lengths to the nearest quarter inch

Grade 3 Measurement Worksheet



Use an inch ruler to measure the following lines.

1. _____ inches
2. _____ inches
3. _____ inches
4. _____ inches
5. _____ inches
6. _____ inches

Use an inch ruler to draw lines with the following lengths.

7. $5\frac{1}{2}$ inches

8. $\frac{3}{4}$ inches

9. $1\frac{1}{4}$ inches

Name _____

Date _____

Recognizing Equivalent Fractions - Independent Practice Worksheet

Fill the missing numbers to create equivalent fractions.

1. $\frac{\quad}{3} = \frac{5}{15}$

2. $\frac{\quad}{5} = \frac{27}{45}$

3. $\frac{3}{5} = \frac{\quad}{35}$

4. $\frac{1}{4} = \frac{\quad}{36}$

5. $\frac{\quad}{5} = \frac{20}{50}$

6. $\frac{2}{4} = \frac{18}{\quad}$

7. $\frac{2}{\quad} = \frac{18}{45}$



Name _____

Date _____

8. $\frac{\quad}{3} = \frac{8}{12}$

9. $\frac{5}{6} = \frac{\quad}{12}$

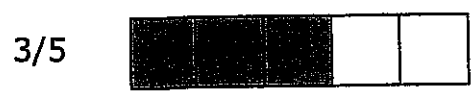
10. $\frac{3}{6} = \frac{12}{\quad}$



Name _____

Date _____

4) Which fraction is greater?

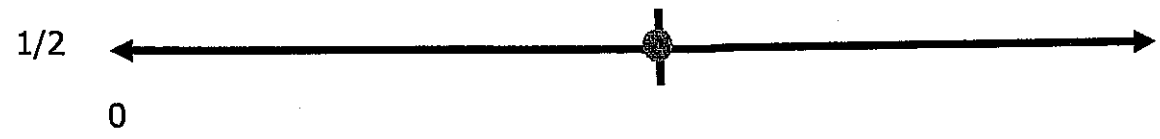
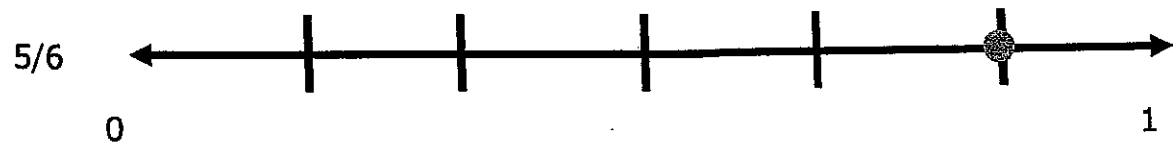


3/5

3/12

neither; they are equal

5) Which fraction is less?

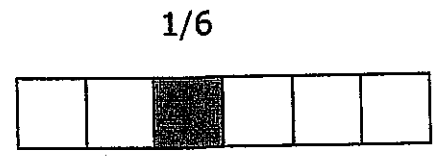
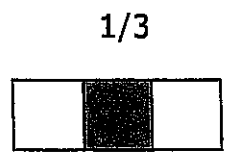


1/2

5/6

neither; they are equal

6) Which fraction is less?



1/6

1/3

neither; they are equal

