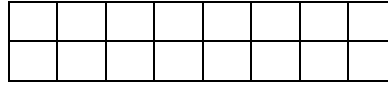
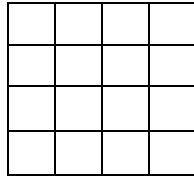
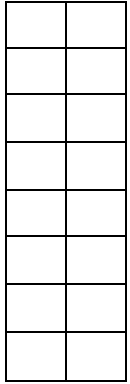


Name: _____ Date: _____ Period: _____ Teacher: _____

3-1 Weekly Homework

1. Which model below could help you find $\sqrt{16}$?



Simplify.

2. $2(3 + 5)^2 \div 8 \times 2$

3. $3(-8 + 2) + 10 \div 2$

4. $5 + 3^2 - 4 \div 2$

3. A piece of string is 8 inches long. How many pieces of string can be cut from the 8 inch piece of string if each piece is to be $\frac{2}{3}$ of an inch?
4. Mr. Hill is preparing for the 1st grade field trip to the petting zoo. Each student will get $\frac{3}{5}$ of a jug of water. Mr. Hill brought 24 jugs of water. How many students went on the field trip?
5. An airplane covers 50 miles in $\frac{1}{5}$ hours. How many miles can the plane cover in 5 hours?

6. A recipe for banana oat muffins calls for $\frac{3}{4}$ cup of old fashioned oats. You are making $\frac{1}{2}$ of the recipe. How much oats should you use?
7. A baby's T-shirt requires $\frac{4}{5}$ yards of fabric. How many T-shirts can be made from 48 yards?
8. Carol recorded the numbers of miles she ran each day for a week. What is her total mileage for the week?

Day	Miles
<i>Monday</i>	.75
<i>Tuesday</i>	$2\frac{1}{2}$
<i>Wednesday</i>	$1\frac{2}{5}$
<i>Thursday</i>	3.25
<i>Friday</i>	$5\frac{3}{5}$
<i>Saturday</i>	4.5
<i>Sunday</i>	$\frac{3}{8}$

9. $\frac{5}{8}$ of Dr. Jones patients were referred by existing patients. What percent of Dr. Jones patients were referred by existing patients?
10. Draw a number line model to represent the following problem.

$$(-4) + 5 + (-2) + 4$$