Name Show your work Due:

6th grade skill homework
(simplify all fractions to lowest term)

#30

1. Integer Operations

30(0.5)	-99/3
-3-(-3)	-25-9

2. Fraction/Decimal/Percent

Complete the table.

Fraction	Decimal	Percent
7/9		
	$.\overline{3}$	
		62.5%

3. Decimal Operation

1.152/1.92=

4. Fraction/Decimal/Percent

Solve (hint-draw a table):
Paul took a 140 mile trip on his motorcycle. If he drove 60% of his trip on the first day, how many mile did Paul drive on day one?

5. Fractions Operation

$$5\frac{1}{2} \times \frac{5}{6} =$$

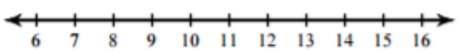
6. Models/Equations/Inequalities

Solve.

$$-13x = 156$$

Solve and graph on number line.

$$8 \geq n - 6$$



Name Show your work Due:

7. Prime factorization, order of operation, exponents

$$(24 \div 8) + 7^2 - 84$$

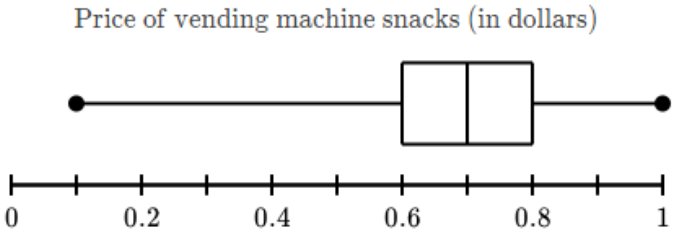
8. Tables

Fill in the blank.
The value of y is _____ the value of x.

x	y
0	0
1	6
2	12
3	18

9. Graphs

Describe the shape, range, interquartile range and median.



10. Measurement/Geometry

Convert measurements using table.

23.7g= _____mg

Common Fraction and Decimal Equivalents

Fraction	Decimal	Percent
1	1.0	100%
1/3	.333	33.3%
1/4	.25	25%
1/5	.2	20%
1/8	.125	12.5%
1/10	.1	10%
1/2	.5	50%
2/3	.666	66.6%
3/4	.75	75%
2/5	.4	40%
5/8	.625	62.5%
9/10	.9	90%

Ways to make 10, 100, 1000

5x2 =10	10x10 =100	25x4 =100
5x20 =100	10x100 =1,000	250x4 =1,000
5x200 =1,000		20x5 =100

LENGTH

Customary	Metric
1 mile (mi) = 1,760 yards (yd)	1 kilometer (km) = 1,000 meters (m)
1 yard (yd) = 3 feet (ft)	1 meter (m) = 100 centimeters (cm)
1 foot (ft) = 12 inches (in.)	1 centimeter (cm) = 10 millimeters (mm)

VOLUME AND CAPACITY

Customary	Metric
1 gallon (gal) = 4 quarts (qt)	1 liter (L) = 1,000 milliliters (mL)
1 quart (qt) = 2 pints (pt)	
1 pint (pt) = 2 cups (c)	
1 cup (c) = 8 fluid ounces (fl oz)	

WEIGHT AND MASS

Customary	Metric
1 ton (T) = 2,000 pounds (lb)	1 kilogram (kg) = 1,000 grams (g)
1 pound (lb) = 16 ounces (oz)	1 gram (g) = 1,000 milligrams (mg)