Worksheet of the Week-

January 9-13, 2016

1. Provide the formula for the following:

   Area of a Square:_____

   Area of a Rectangle: _____

   Perimeter of a Square: _____

   Perimeter of a Rectangle: _____

   Volume of a Cube: _____
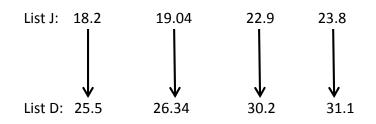
   Volume of a Rectangular Prism: _____

2. Jaime has a math paper that has 162 rectangles on it.
   - There are 56 rectangles that are each 22 millimeters wide.
   - There are 106 rectangles that are each 12 millimeters wide.

   What is the total width of these rectangles?

   A. 2,504 millimeters
   B. 1,122 millimeters
   C. 2,404 millimeters
   D. 314 millimeters

3. At the livestock show, $\frac{3}{10}$ of the goats are white. Which of the following statements could be true?
   A. Out of a total of 3 goats, one is white.
   B. Out of a total of 40 goats, 3 are white.
   C. Out of a total of 30 goats, 27 are white.
   D. Out of a total of 50 goats, 15 are white.

4. Mrs. Meyer was putting in new carpet in Dixon's Nursery. She found that his nursery was 45 square feet. If the length of the room is 9 ft, what is the width?

5. Two lists of numbers are shown below.

List J: 18.2   19.04   22.9   23.8

List D: 25.5   26.34   30.2   31.1

Which statement about these lists of numbers is true?
A.   Each number in List J is 7.3 more than the number in List D.
B.   Each number in List J is 7.3 less than the number in List D.
C.   Each number in List J is 3.3 less than the number in List D.
D.   Each number in List J is 3.3 more than the number in List D.

6.   Simplify the following fractions:

$\frac{12}{18}$ = _____ $\frac{18}{27}$ = _____

$\frac{12}{16}$ = _____ $\frac{42}{4}$ = _____

7.   A rectangular prism has a width of 5 ft, a length of 6 ft and a height of 4 ft. Find the volume of this prism.

8.   Using the same rectangular prism as question 8, find the area of the base of the prism?

9.   Using the same rectangular prism as question 8, find the perimeter of the base of the prism?