Tutoring HW 3
Answer Key

Section 1: Statistics:

1. Find the Range, Mean, Median, and Mode for the following numbers:
2, 4, 3, 3, 6, 8, 7, 9, 9, 9
Range: 7,   Mean: 6,   Median: 6.5,   Mode: 9 (3 times)

2. Find the Range, Mean, Median, and Mode for the following numbers:
1, 2, 3, 4, 5, 6, 7, 8, 2, 2
Range: 7,   Mean: 4,   Median: 3.5,   Mode: 2 (3 times)

3. Find the Range, Mean, Median, and Mode for the following numbers:
2, 4, 3, 3, 6, 8, 7, 9, 9, 9, 1, 2, 3, 4, 5, 6, 7, 8, 2, 2
Range: 8,   Mean: 5,   Median: 4.5,   Mode: 2 (4 times)

4. Find the Range, Mean, Median, and Mode for the following numbers:
20, 23, 25, 31, 44, 56, 60, 72, 88, 91
Range: 71,   Mean: 51,   Median: 50,   Mode: All (1 times)

Section 2: Unit Conversion:

Convert each given measurement into the next

1. How many Oz are in 5 Pints?

   — **80 Oz in 5 Pints**

2. How many Feet are in 10 Yards?

   — **30 feet in 10 Yards**

3. How many Gallons are in 384 Oz?

   — **3 Gallons in 384 Oz**

4. How many Inches are in 6 Yards?

   — **216 Inches in 6 Yards**

5. How many Quarts are in 25 Pints?

   — **12.5 Quarts in 25 Pints**

6. How many Pints ared in 5 Gallons?

   — **40 Pints in 5 Gallons**

7. How many Cups are in 12 Quarts?

   — **48 Cups in 12 Quarts**

	Unit	Symbol	Fact
Volume	fluid ounce	fl oz	
	cup	c	1 c = 8 fl oz
	pint	pt	1 pt = 2 c
	quart	qt	1 qt = 2 pt
	gallon	gal	1 gal = 4 qt
Length	inch	in	
	foot	ft	1 ft = 12 in
	yard	yd	1 yd = 3 ft
Weight	ounce	oz	
	pound	lb	1 lb = 16 oz