Tutoring HW 3

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

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

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

4. Find the Range, Mean, Median, and Mode for the following numbers:
   20, 23, 25, 31, 44, 56, 60, 72, 88, 91

Section 2: Unit Conversion:

Convert each given measurement into the next

1. How many Oz are in 5 Pints?

2. How many Feet are in 10 Yards?

3. How many Gallons are in 384 Oz?

4. How many Inches are in 6 Yards?

5. How many Quarts are in 25 Pints?

6. How many Pints ared in 5 Gallons?

7. How many Cups are in 12 Quarts?

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

1. $2x - 2x + 3 = 3x + 1$

2. $9(x + 1) = 8(x - 1)$

3. $x(2 - 5) = 2x + 5x + 10$

4. $5 - 10x = -20x - 15$

5. $-(x + 1) = 2(x + 1) - 3(2 - x)$

6. $-1 - 2 - 3 - 2x - 3x = 10x + 24$

7. $-(-x + 2) + 3x = 10$

8. $8 \cdot 2 \cdot 4 = (5^2 + 3(13))x$

9. $7 \cdot -2 - 4 = (3^2)x$

10. $4 \cdot 2 \cdot 5 = 10x - 20$

11. $4 + 2 \cdot 5 = 10x - 6$

12. $4 \cdot 2 + 5 = 10x + 8$

13. $1 + 2^2 + 3^3 = 8x$

14. $15x \cdot 4 + 20 - 30x = 6^2 x + 4x$