TEST 1 (PRACTICE) KEY

Please note that for inequalities, the solution is given, but not all forms of it. I'll do the graphs for you in class, but those also are not posted here. This was written up and posted hurriedly. There may be a couple of typos - if so we'll catch them in class during review.

1) 0 2) -49 3) $-2x$

4) $W = \frac{P}{2} - L$ 5) $F = \frac{9}{5}C + 32$ 6) $2(x + 7y)$

7) $-6x + 3$ 8) $\frac{1}{4}$ 9) 5

10) all real numbers 11) 0 12) $-\frac{1}{2}$

13) no solution 14) $x \geq 2$ 15) $x < -5$

16) $(0, 6)$ and $(-12, 0)$ 17) $(0, 0)$ 18) ask me in class

20) ask me in class 20) $(-3, 0)$ 21) $(3, -4)$

the second #20) 25° the second #21) $20, 22, 24$ 22) less than one hour

23) 102 and 83 24) $\frac{13}{3}$ 25) $(3 + 4)2$

26) \$20 27) 28° and 62° 28) $26, 28$

29) A) $\frac{5}{3}$ B) 11 C) undefined D) 0 30) undefined