

## Section 1.4 – Comparing Numbers

### Problem Set 1

Place one of  $>$ ,  $<$  or  $=$  in each of the blanks.

1.  $-5$  \_\_\_\_  $-1$       2.  $4$  \_\_\_\_  $1$       3.  $0$  \_\_\_\_  $3$       4.  $6$  \_\_\_\_  $16$   
5.  $2$  \_\_\_\_  $-2$       6.  $2.8$  \_\_\_\_  $4.3$       7.  $1/3$  \_\_\_\_  $-4/5$       8.  $8.8$  \_\_\_\_  $-2.3$

Place one of  $\leq$ ,  $\geq$  or  $=$  in each of the blanks.

9.  $8 + 1$  \_\_\_\_  $12 - 3$       10.  $8 + 3 / 3$  \_\_\_\_  $7$       11.  $20 / 2 + 1$  \_\_\_\_  $6 + 4$   
12.  $4 \cdot -2$  \_\_\_\_  $-3 + 1$       13.  $16 / 4$  \_\_\_\_  $4 - 16$       14.  $(10 + 1) / 11$  \_\_\_\_  $7 - 6$

Which of  $<$ ,  $>$ ,  $=$ ,  $\leq$ ,  $\geq$  and  $\neq$  could be put in the following blanks. Each question may have more than one option.

15.  $-2$  \_\_\_\_  $2$       16.  $6$  \_\_\_\_  $-2 \cdot -3$       17.  $18$  \_\_\_\_  $14 - .2$   
18.  $5.4$  \_\_\_\_  $-4.8$       19.  $-5 / 1$  \_\_\_\_  $4 + 2$       20.  $(6 + 2) / 2$  \_\_\_\_  $12 / 3$