

# Section 1.4 – Comparing Numbers

## Problem Set 3

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

1.  $15$  \_\_\_\_  $15.8$

2.  $-5$  \_\_\_\_  $-7$

3.  $-3$  \_\_\_\_  $0$

4.  $30$  \_\_\_\_  $-30$

5.  $-4.3$  \_\_\_\_  $-4.4$

6.  $4.8$  \_\_\_\_  $3.2$

6.  $-3/5$  \_\_\_\_  $-7/3$

8.  $2/3$  \_\_\_\_  $1$

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

9.  $4 + 1$  \_\_\_\_  $10 - 5$

10.  $7 + 1$  \_\_\_\_  $20$

11.  $100 / 25$  \_\_\_\_  $8 - 2$

12.  $7 \cdot 8$  \_\_\_\_  $100 - 42$

13.  $(8 + 12) / 2$  \_\_\_\_  $10 - 3$

14.  $18 / 4$  \_\_\_\_  $10 - 3$

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

15.  $15$  \_\_\_\_  $22 - 3.9$

16.  $-5.8$  \_\_\_\_  $-7$

17.  $2.22$  \_\_\_\_  $-2.01$

18.  $21$  \_\_\_\_  $14$

19.  $-12 / 6$  \_\_\_\_  $-6 + 4$

20.  $(8 + 2) \cdot 3$  \_\_\_\_  $32 / 2$