

Section 1.4 – Comparing Numbers

Problem Set 2

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

1. $3 \underline{\hspace{1cm}} 8$

2. $0 \underline{\hspace{1cm}} -3$

3. $-6 \underline{\hspace{1cm}} -7$

4. $5.3 \underline{\hspace{1cm}} 5.32$

5. $5 \underline{\hspace{1cm}} 4.1$

6. $2/5 \underline{\hspace{1cm}} 4/5$

7. $4 \underline{\hspace{1cm}} -4$

8. $-3 \underline{\hspace{1cm}} -1$

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

9. $5 \cdot 3 \underline{\hspace{1cm}} -3 + 18$

10. $22 + 4 - 1 \underline{\hspace{1cm}} 4 + 22 + 1$

11. $8 + 0 \underline{\hspace{1cm}} 7 + 2$

12. $12 / 3 \underline{\hspace{1cm}} 12 / 4$

13. $(22 + 23) / 5 \underline{\hspace{1cm}} 82 - 20$

14. $100 / 10 - 4 \underline{\hspace{1cm}} 6 - 1$

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

15. $4.6 \underline{\hspace{1cm}} -4.6$

16. $5.5 \underline{\hspace{1cm}} 5.7$

17. $11 \underline{\hspace{1cm}} 11.8$

18. $-18 / 3 \underline{\hspace{1cm}} 6 + 0$

19. $(14 + 3) \cdot 2 \underline{\hspace{1cm}} 76 / 2$

20. $12 + 3 / 3 \underline{\hspace{1cm}} 12 + 0$