

Homework 3/18/13

Evaluate each expression if $f = 3$, $g = -4$, and $h = 5$.

1. $|3 - h| + 13$

2. $16 - |g + 9|$

3. $|f + g| - h$

Solve each equation. Then graph the solution set.

4. $|n + 7| = 5$

5. $|3z - 3| = 9$

6. $|4n - 1| = -6$

7. $|b + 4| = 2$

8. $|2t - 4| = 8$

9. $|5h + 2| = -8$

Evaluate each expression if $a = -2$, $b = -3$, $c = 2$, $x = 2.1$, $y = 3$, and $z = -4.2$.

13. $|2x + z| + 2y$

14. $4a - |3b + 2c|$

15. $-|5a + c| + |3y + 2z|$

Solve each equation. Then graph the solution set.

22. $|n - 3| = 5$

23. $|f + 10| = 1$

24. $|v - 2| = -5$

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