

ANSWER PRESENTATION TOOL

Algebra 1 - Student Ec 1

4 - Exercise 1, 2, 3-23 c

ALL EVEN

Show Sol

ODD

1. an apparent solution that must be rejected because it does not satisfy the original equation

2. An absolute value cannot be negative.

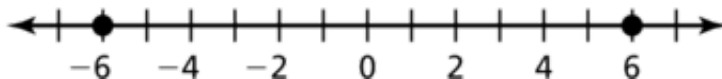
3. 9

5. 0

7. -35

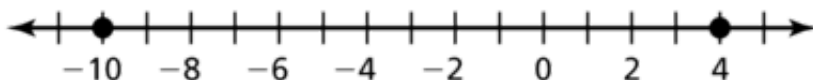
9. 9

11. $w = -6, w = 6;$

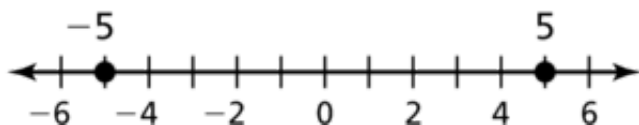


13. no solution

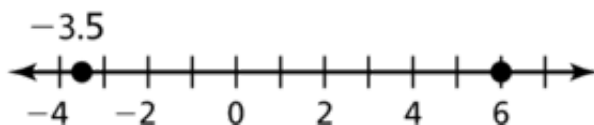
15. $m = -10, m = 4;$



17. $d = -5, d = 5;$

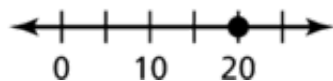


19. $b = -3.5, b = 6;$



21. no solution

23. $s = 20;$



35. $n = 3, n = 5$

37. $b = 3, b = 5$

39. $p = \frac{2}{3}, p = 10$

41. $h = 0.25$

43. $f = -1$

46. no; The absolute value has to be isolated first, which makes the constant on the right positive.

49. The absolute value cannot be negative. So, there is no solution.

51. No solution: $|x - 2| + 6 = 0$, $|x - 6| - 5 = -9$

One solution: $|x - 1| + 4 = 4$, $|x + 5| - 8 = -8$

Two solutions: $|x + 8| + 2 = 7$, $|x + 3| - 1 = 0$