



# Math Worksheet for 7th Grade

## Absolute value

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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### Answers

1. 7

2. 9

3. 0

4. 5

5. 3

6. 7

7. 7

8. 5

9. 8

10. 12

11. 5

12. 5

13.  $x = 6$  or  $x = -6$

14.  $x = 6$  or  $x = 2$

15.  $x = 1$  or  $x = -7$

16. 3 and -3

17. 7 and -3

18. 3 and -5

19. -4 ( $|-4| = 4$ ,  $|9| = 9$ ; -4 is closer)

20. -10 ( $|-10| = 10$ ,  $|6| = 6$ ; -10 is farther)

21. 4

22. 5

23. 5

24. 4 and -8 (because  $|-2 - 4| = 6$  and  $|-2 - (-8)| = 6$ )

25.  $x = 9$  or  $x = -9$

26. 4

27. 9

28. True

29. 10

30. 6

31. 5



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32.  $x = 5$

33. 3 and -1

34. Yes ( $|6 - 2| = 4$ )

35. 13

36.  $x = 0$

37.  $x = 0$  or  $x = -10$

38. -1 ( $|-1 - 2| = 3$ ,  $|6 - 2| = 4$ )

39. 8

40.  $x = 5$  or  $x = -1$

41. 9

42. 13 and -3

43. 7

44. 4

45. 7 (only 7 is 0 units from 7)

46. 3 and -7 (both are 5 units from -2)

47.  $x = 2$  or  $x = 0$

48. 5

49. -2 and -10

50. Yes (both are 1 unit from 0)