

Adding & Subtracting Integers

Accelerated 7th Grade Math

Name: _____

Use arrows to help visualize the numbers on a number line OR complete the scoreboard. Then simplify the expression (give your answer).

$$1. \ 1 - (-3)$$

$$8. \ -12 - (-14)$$

$$2. \ -3 - (-2)$$

$$9. \ 5 - 13$$

$$3. \ 12 - 4$$

$$10. \ -13 - (-2)$$

$$4. \ -6 - 16$$

$$11. \ 15 - 4$$

$$5. \ 1 - 17$$

$$12. \ -3 - (-17)$$

$$6. \ -13 - 13$$

$$13. \ 1 + (-3)$$

$$7. \ 19 - (-11)$$

$$14. \ -3 + (-2)$$

$$15. 7 + 7$$

$$22. -12 + 8$$

$$16. -3 + 9$$

$$23. -3 + (-17)$$

$$17. 10 + (-17)$$

$$24. 8 - (-10)$$

$$18. -17 + 10$$

$$25. 17 - 9$$

$$19. 19 + (-11)$$

$$26. 11 + (-13)$$

$$20. -12 + (-14)$$

$$27. -8 - (-1)$$

$$21. -13 + (-2)$$

$$28. 3 - 14$$

$$29. 14 + b \quad \text{for } b = 10 \quad 38. k - 14 \quad \text{for } k = 3$$

$$30. -c - 19 \quad \text{for } c = 8 \quad 39. 14 + m \quad \text{for } m = 17$$

$$31. -17 + d \quad \text{for } d = 12 \quad 40. -n - 19 \quad \text{for } n = 8$$

$$32. -e - 16 \quad \text{for } e = 19 \quad 41. -17 + p \quad \text{for } p = 11$$

$$33. -13 + f \quad \text{for } f = 15 \quad 42. -q - 16 \quad \text{for } q = -15$$

$$34. g + 10 \quad \text{for } g = 4 \quad 43. -13 + r \quad \text{for } r = -17$$

$$35. 8 + h \quad \text{for } h = 19 \quad 44. s + 10 \quad \text{for } s = 16$$

$$36. i - 5 \quad \text{for } i = 13 \quad 45. 8 + t \quad \text{for } t = 18$$

$$37. -11 - j \quad \text{for } j = 6 \quad 46. v - 5 \quad \text{for } v = -13$$

$47. -11 - w \quad \text{for } w = -11$

$52. -b - 16 \quad \text{for } b = -9$

$48. x - 14 \quad \text{for } x = 14$

$53. -13 + c \quad \text{for } c = -13$

$49. 14 + y \quad \text{for } y = 14$

$54. d + 10 \quad \text{for } d = 14$

$50. -z - 19 \quad \text{for } z = 19$

$55. 8 + e \quad \text{for } e = 19$

$51. -17 + a \quad \text{for } a = 5$

$56. -11 - g \quad \text{for } g = -4$

Write and expression and simplify:

57. Mt. Everest, the highest elevation in Asia, is 29,028 feet above sea level. The Dead Sea, the lowest elevation, is 1,312 feet below sea level. What is the difference between these two elevations?

59. The low temperature on Monday is -9 degrees. If the low temperature on Tuesday is 5 degrees below this value, what is the low temperature on Tuesday?

58. A submarine was situated 800 feet below sea level. If it ascends 250 feet, what is its new position?

60. If the temperature outside was 8 degrees F, what would the new temperature be if it dropped 12 degrees F?