

Name: Answer Key

Practice Integer Test

Simplify each expression.

1.  $98 + (5)$  103      2.  $25 + (-43)$  -18      3.  $-81 + (-51)$  -132

4.  $88 + (-18)$  70      5.  $-89 + (-61)$  -150      6.  $-98 + 18$  -80

7.  $37 + 34$  71      8.  $-109 + (-172)$  -281      9.  $59 + (-71)$  -12

10.  $-180 + 33$  -147      11.  $-318 + (-18)$  -336      12.  $-175 + (-26)$  -201

13.  $-117 + (-52)$  -169      14.  $-216 + (-21)$  -237      15.  $239 + 80$  319

16.  $807 + (53)$  860      17.  $125 + (-114)$  11      18.  $-27 + (-152)$  -179

19.  $50 + (-47)$  3      20.  $-45 + (-601)$  -646      21.  $-123 + 45$  -78

Evaluate each expression for  $x = 7$ ,  $y = -4$ , and  $z = -3$ .

22.  $x + y$  3      23.  $12 + z$  9      24.  $y + z$  -7

25.  $y + 5 + x$  8      26.  $2 + z + x$  6      27.  $|x| + |y|$  11

$$28. 28 - (-15) \underline{43}$$
$$28 + 15$$

$$29. 85 - (-43) \underline{128}$$
$$85 + 43$$

$$30. -21 - (-51) \underline{30}$$
$$-21 + 51$$

$$31. 90 - (-17) \underline{107}$$
$$90 + 17$$

$$32. -25 - (-81) \underline{56}$$
$$-25 + 81$$

$$33. -23 - 18 \underline{-41}$$
$$-23 + 18$$

$$34. 21 - 44 \underline{65}$$
$$21 + 44$$

$$35. -109 - (-12) \underline{-97}$$
$$-109 + 12$$

$$36. 21 - (-71) \underline{92}$$
$$21 + 71$$

$$37. -24 - 703 \underline{-727}$$
$$-24 + -703$$

$$38. -132 - (-48) \underline{-84}$$
$$-132 + 48$$

$$39. -315 - (-26) \underline{-289}$$
$$-315 + 26$$

$$40. -127 - (-52) \underline{-75}$$
$$-127 + 52$$

$$41. -76 - (-21) \underline{-55}$$
$$-76 + 21$$

$$42. 37 - 90 \underline{-53}$$
$$37 + -90$$

$$43. 8 - (-53) \underline{-45}$$

$$44. 15 - (-14) \underline{29}$$

$$45. -17 - (-12) \underline{-5}$$

$$46. 11 - (-37) \underline{48}$$

$$47. -85 - (-61) \underline{-23}$$

$$48. -73 - 85 \underline{-158}$$

Multiply or Divide.

$$49. -5(-7) \underline{35}$$

$$50. -7(-90) \underline{630}$$

$$51. -15(-11) \underline{165}$$

$$52. (-9)(-7) \underline{63}$$

$$53. (-3)(-7)(-4) \underline{-84}$$

$$54. (5)(9)(-30) \underline{1350}$$

$$55. -710 \div 10 = -71$$

$$56. 810 \div (-3) = -270$$

$$57. -966 \div (-3) = 322$$

Evaluate each expression for  $x = -6$  and  $y = 3$ .

$$58. 2x + xy$$

$$2(-6) + (-6)(3) \\ -12 + -18 = -30$$

$$59. (y - x) + 7x$$

$$(3 - -6) + 7(-6) \\ 3+6 \quad \downarrow \\ 9 + -42 = -33$$

Use Order of Operations

$$60. 22 - 7 \cdot -5$$

$$\checkmark \\ 22 - -35$$

$$22 + 35$$

$$57$$

$$61. 8^2 - (-70)$$

$$\downarrow \\ 64 - (-70)$$

$$64 + +70$$

$$134$$

$$62. (5+10) \cdot 3^2$$

$$\downarrow \quad \downarrow \\ 15 \cdot 9$$

$$135$$