NAME_____

Module 3   Integers
Lesson 2   Adding Integers

Use counters to add.

1. 8 + (-5)
    3

2. -6 + 18
    12

3. -5 + (-6)
    -11

4. 7 + 9
    16

Use a number line to add.

5. -6 + 6

    0

6. 2 + (-8)

    -6

7. 5 + 1

    6

8. -4 + (-1)

    -5

Add.

9. -100 + (-33)
    -133

10. 40 + (-15)
    25

11. 55 + 3
    58

12. -99 + 1
    -98

13. -65 + 10
    -55

14. 76 + 4
    80

15. -43 + (-3)
    -46

16. -60 + 40
    -20

17. -79 + (-1)
    -80

18. 4 + (-1) + 6 + (-6)
    3

19. -12 + 12 + (-5) + (-10)
    -15

20. -9 + 14 + 1 + (-14)
    -8

Journal

1. Begin at the number negative four on a number line. Name the integer that when added to negative four will equal -10. Explain your reasoning.

2. Begin at the number negative five on a number line. Name the integer that when added to negative five will equal 11. Explain your reasoning.

3. What is the result when you add a number and its opposite? Explain using examples.

Cumulative Review

Write a negative or positive number that correctly represents each statement.

1. The Talons football team received a 10-yard penalty.
   -10

2. The temperature was 12° above zero on Saturday.
   +12

Write the opposite of each integer.

3. -22
   +22

4. +70
   -70

Find the absolute value of each.

5. |19|
   19

6. |-14|
   14

Compare. Write either > or <.

7. -15 ____ -12
   <

8. 6 ____ -10
   >

Order the numbers from least to greatest.

9. 4, 0, 5, -3, -2, -7
   -7, -3, -2, 0, 4, 5

10. 13, -17, 14, -20, 18
    -20, -17, 13, 14, 18

Possible Journal Answers

1. Negative six; to reach -10 from negative four, I have to travel left six units. That equals negative six.

2. Sixteen; to reach 11 from negative five, first I have to pass zero. Zero is five units to the right of negative five. Then, I have to move 11 more units to the right of zero to reach 11. Those two moves equal 16.

3. When I add four and the opposite of four, I get 4 + (-4) = 0. When I add negative four and the opposite of negative four, I get -4 + 4 = 0. So, when I add a number and its opposite, the sum is always zero.

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