

LESSON
11-5

Practice C
Adding Integers

Find each sum.

- | | | |
|--------------------------|-----------------------|-----------------------------|
| 1. $19 + (-11)$ _____ | 2. $-24 + 5$ _____ | 3. $-7 + (-18)$ _____ |
| 4. $-6 + (-23)$ _____ | 5. $105 + (-9)$ _____ | 6. $5 + (-25) + (-8)$ _____ |
| 7. $7 + (-14) + 9$ _____ | 8. $13 + (-17)$ _____ | 9. $6 + (-4) + (-1)$ _____ |

Evaluate $n + (-12)$ for each value of n .

- | | | |
|----------------------|---------------------|---------------------|
| 10. $n = 8$ _____ | 11. $n = 15$ _____ | 12. $n = -25$ _____ |
| 13. $n = 0$ _____ | 14. $n = 5$ _____ | 15. $n = 38$ _____ |
| 16. $n = -100$ _____ | 17. $n = -46$ _____ | 18. $n = 51$ _____ |

Evaluate each expression for the given value of the variable.

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|----------------------------------|----------------------------------|-----------------------------------|
| 19. $x + (-8), x = 10$ _____ | 20. $w + (-17), w = 21$ _____ | 21. $z + 7, z = -15$ _____ |
| 22. $-23 + p, p = -3$ _____ | 23. $29 + m, m = 7$ _____ | 24. $n + 13, n = -40$ _____ |
| 25. $y + (-2), y = -16$ _____ | 26. $v + 11, v = -5$ _____ | 27. $c + (-19), c = 100$ _____ |

28. The sum of x and y is a negative integer. If y is a negative integer greater than x , what do you know about x ?

29. The sum of a negative number, q , and a positive integer, n , is negative. What do you know about q and n ?

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11-5

Problem Solving

Adding Integers

In 1997, Tiger Woods became the youngest golfer ever to win the Masters Tournament. There are four rounds of 18 holes in the Masters Tournament. Use Woods's scorecard to answer questions 1-6.

| Tiger Woods | | | | | | | | | | | | | | | | | | |
|-------------|---|----|---|---|----|---|----|----|---|----|----|----|----|----|----|----|----|----|
| Hole | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Rnd. 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | -1 | 0 | -1 | -1 | 0 | -2 | 0 | -1 | 0 |
| Rnd. 2 | 0 | -1 | 1 | 0 | -1 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | -2 | -1 | -1 | 0 | 0 | 0 |
| Rnd. 3 | 0 | -1 | 0 | 0 | -1 | 0 | -1 | -1 | 0 | 0 | -1 | 0 | 0 | 0 | -1 | 0 | 0 | -1 |
| Rnd. 4 | 0 | -1 | 0 | 0 | 1 | 0 | 1 | -1 | 0 | 0 | -1 | 0 | -1 | -1 | 0 | 0 | 0 | 0 |

1. What was Woods' total score for round 1 of the tournament?

2. What was his total score for the second round of the tournament?

3. What was his total score for the third round of the tournament?

4. What was his total score for the fourth round of the tournament?

Circle the letter of the correct answer.

5. Woods' final score in 1997 was the lowest in the history of the Masters Tournament. What was Woods' record-breaking final score?
A -16
B -17
C -18
D -20
6. Tom Kite placed second in the 1997 Masters Tournament. His final score was 12 strokes higher than Tiger Woods' final score. What was Kite's final score?
F -30
G -12
H -6
J 0
7. Which of the following is the sum of Woods' scores on the 8th hole?
A 2
B 1
C -1
D -2
8. Which of the following is the sum of Woods' scores on the 15th hole?
F 4
G -4
H 0
J 1