

LESSON
Adding
Integers

Name _____

Date _____

Key

Practice

For use with pages 28-33

Tell whether the sum is positive or negative. You do not need to find the sum.

1. $-27 + (-16)$

negative

2. $-18 + 75$

positive

Use a number line to find the sum.

3. $-15 + (-4)$

-19

4. $-21 + (-5)$

-26

5. $-6 + 35$

29

6. $-42 + 10$

-32

7. $11 + (-47)$

-36

8. $9 + (-53)$

-44

9. $-106 + (-3)$

-109

10. $-94 + (-1)$

-95

11. $81 + (-7)$

74

Find the sum.

12. $-41 + 30$

-11

13. $-15 + 27$

12

14. $-21 + (-34)$

-55

15. $-51 + (-23)$

-74

16. $61 + (-33)$

28

17. $29 + (-48)$

-19

18. $64 + (-17)$

47

19. $91 + (-26)$

65

20. $-46 + (-75)$

-121

21. $-9 + 12 + (-4)$

-1

22. $-22 + (-13) + 6$

-29

23. $55 + (-26) + 47$

76

Evaluate the expression when $a = 8$ and $b = -14$.

24. $a + (-23)$

-15

25. $-a + b$

-22

26. $-72 + b$

-86

27. $b + 39$

25

28. $a + (-b)$

22

29. $-61 + a$

-53

30. The temperature at 6 A.M. is -10° Fahrenheit. During the day, the temperature rises 6° F, drops 3° F, rises 2° F, and drops 8° F. Write an integer to represent each value. What is the temperature after these changes?

-10, 6, -3, 2, -8
-13°F

31. The table shows incomes and expenses for a small music store in one week. Write an integer to represent each value. Then find the net profit for the week.

Income	Expense
Instruments \$800	Displays \$110
Sheet music \$100	Salaries \$400
Lessons \$150	

800, 100, 150, -110, -400
\$540