

Practice 1-5 Adding Integers

Write a numerical expression for each of the following. Then find the sum.

1. climb up 26 steps, then climb down 9 steps

2. earn \$100, spend \$62, earn \$35, spend \$72

Find each sum.

3. $-8 + (-3)$

4. $6 + (-6)$

5. $-12 + (-17)$

6. $9 + (-11)$

7. $-4 + (-6)$

8. $18 + (-17)$

9. $-8 + 8 + (-11)$

10. $12 + (-7) + 3 + (-8)$

11. $-15 + 7 + 15$

12. $0 + (-11)$

13. $6 + (-5) + (-4)$

14. $-5 + (-16) + 5 + 8 + 16$

Without adding, tell whether each sum is positive, negative, or zero.

15. $192 + (-129)$

16. $-417 + (-296)$

17. $-175 + 87$

Evaluate each expression for $n = -12$.

18. $n + 8$

19. $n + (-5)$

20. $12 + n$

Compare. Write $>$, $<$, or $=$ to complete each statement.

21. $-7 + 5$ $3 + (-6)$

22. $4 + (-9)$ $6 + (-7) + (-4)$

23. An elevator went up 15 floors, down 9 floors, up 11 floors, and down 19 floors. Find the net change. _____

24. The price of a share of stock started the day at \$37. During the day it went down \$3, up \$1, down \$7, and up \$4. What was the price of a share at the end of the day?

Practice 1-6 Subtracting Integers

Use rules to find each difference.

1. $8 - 12$

2. $13 - 6$

3. $9 - (-12)$

4. $57 - 39$

5. $-173 - 162$

6. $71 - (123)$

7. $51 - 89$

8. $-222 - (-117)$

9. $843 - 677$

10. $-98 - 183$

11. $366 - (-429)$

12. $-83 - (-48) - 65$

Find each difference.

13. $6 - 9$

14. $14 - 8$

15. $-15 - 3$

16. $-25 - 25$

17. $-16 - (-16)$

18. $32 - (-17) - 32$

Round each number. Then estimate each sum or difference.

19. $-57 + (-98)$

20. $448 - 52$

21. $-191 + (-511)$

22. $-361 - (-58)$

23. $888 + 1,177$

24. $-484 - 1,695$

Write a numerical expression for each phrase. Then simplify.

25. A balloon goes up 2,300 ft, then goes down 600 ft.

26. You lose \$50, then spend \$35.

27. The Glasers had \$317 in their checking account. They wrote checks for \$74, \$132, and \$48. What is their checking account balance?

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