

1-5 Practice

Use a number line to find each sum.

1. $4 + 8$

2. $-7 + 8$

3. $9 + (-4)$

4. $-6 + (-2)$

5. $-6 + 3$

6. $5 + (-10)$

7. $-7 + (-7)$

8. $9 + (-9)$

9. $-8 + 0$

Find each sum.

10. $22 + (-14)$

11. $-36 + (-13)$

12. $-15 + 17$

13. $45 + 77$

14. $19 + (-30)$

15. $-18 + (-18)$

16. $-1.5 + 6.1$

17. $-2.2 + (-16.7)$

18. $5.3 + (-7.4)$

19. $-\frac{1}{9} + \left(-\frac{5}{9}\right)$

20. $\frac{3}{4} + \left(-\frac{3}{8}\right)$

21. $-\frac{1}{5} + \frac{7}{10}$

22. **Writing** Explain how you would use a number line to find $6 + (-8)$.

23. **Open-Ended** Write an addition equation with a positive addend and a negative addend and a resulting sum of -8 .

24. The Bears football team lost 7 yards and then gained 12 yards. What is the result of the two plays?

1-5 Homework

Find each difference.

25. $7 - 14$

26. $-8 - 12$

27. $-5 - (-16)$

28. $33 - (-14)$

29. $62 - 71$

30. $-25 - (-25)$

31. $1.7 - (-3.8)$

32. $-4.5 - 5.8$

33. $-3.7 - (-4.2)$

34. $-\frac{7}{8} - \left(-\frac{1}{8}\right)$

35. $\frac{2}{3} - \frac{1}{2}$

36. $\frac{4}{9} - \left(-\frac{2}{3}\right)$

Evaluate each expression for $m = -4$, $n = 5$, and $p = 1.5$.

37. $m - p$

38. $-m + n - p$

39. $n + m - p$

40. At 4:00 a.m., the temperature was -9°F . At noon, the temperature was 18°F . What was the change in temperature?

41. A teacher had \$57.72 in his checking account. He made a deposit of \$209.54. Then he wrote a check for \$72.00 and another check for \$27.50. What is the new balance in his checking account?

42. A scuba diver went down 20 feet below the surface of the water. Then she dove down 3 more feet. Later, she rose 7 feet. What integer describes her depth?

43. **Reasoning** Without doing the calculations, determine whether $-47 - (-33)$ or $-47 + (-33)$ is greater. Explain your reasoning.