

✓ **Multiply with Fractions and Decimals**

Multiply. Write each answer to the nearest tenth.

29. $\frac{1}{3}(3.14)(2.3)^2(18)$

30. $\frac{4}{3}(3.14)(3.6)^3$

✓ **Integer Operations**

Simplify each expression.

31. $38 - (-16)$

32. $21(-34)$

✓ **Multiplication Properties (Distributive)**

Replace each \blacksquare with a number so that each equation illustrates the Distributive Property.

33. $6 \times (50 + 22) = 6 \times 50 + 6 \times \blacksquare$

34. $25 \times (\blacksquare - 3) = 25 \times 9 - 25 \times 3$

✓ **Order of Operations**

Simplify by using the order of operations.

35. $(31 - 9) - 12 \div 2$

36. $36 \div 3 + 72 \div 9$

37. $8(16 - 7)$

38. $100 - 28 \times 2$

✓ **Evaluate Expressions**

Evaluate each expression for the given value(s) of the variable(s).

39. $5x - 8$ for $x = -18$

40. $-3x + 4$ for $x = 21$

41. $a + (b - 1)c$ for $a = 8, b = 7, c = 3$

42. $a \times b^c$ for $a = 2, b = 3, c = 4$

✓ **Solve One-Step Equations**

Use mental math to solve each equation.

43. $m + 7 = -25$

44. $p - 8 = -16$

✓ **Solve Two-Step Equations**

Solve each equation.

45. $16w + 19 = 67$

46. $23x - 98 = 63$

✓ **Graph Linear Equations**

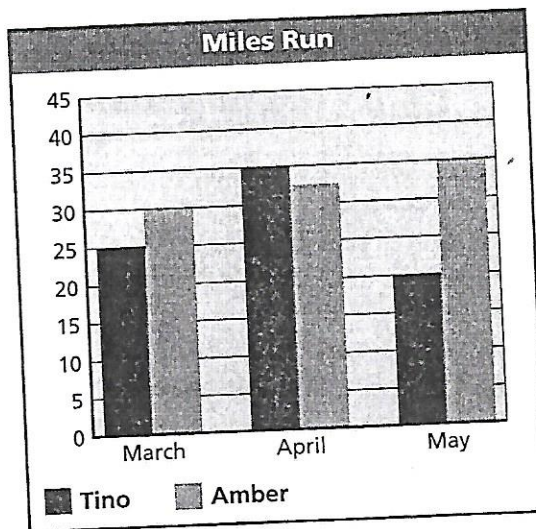
Use the slope and the y-intercept to graph each line.

47. $y = \frac{2}{3}x + 2$

48. $y = -\frac{1}{2}x - 4$

✓ **Read a Table**

Use the table for problems 49 and 50.



49. How many total miles did Tino run in March, April, and May?

50. For which month did Amber run the least number of miles?