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- Find the slope of a line parallel to the line whose equation is x + y = 2.
- **2.** Find the slope of a line perpendicular to the line whose equation is 3y + 6x = 15.
- **3.** $d_1 \perp d_2$ If the slope of d_1 is 3/2, and the slope of d_2 is (x+2)/3, find the value of x.
- 4. $d_1 \perp d_2$ If the slope of d_1 is 4/6, and the slope of d_2 is 8/(3x-8), find the value of x.
- Find the slope of a line parallel to a line whose slope is (2/3).
- **6.** Find the slope of the line perpendicular to a line whose slope is (3/8).

- 7. Find the slope of a line parallel to the line whose equation is y + 4x = 15.
- 8. Find the slope of a line perpendicular to the line whose equation is 2y + x = 8.

- 9. d₁ || d₂ If the slope of d₁ is 4x/7, and the slope of d₂ is (x+12)/16, find the value of x.
- **10.** $d_1 \parallel d_2$ If the slope of d1 is 2/3, and the slope of d_2 is 4/(x-5), find the value of x.



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- Find the slope of a line parallel to the line whose equation is y - x = 5.
- **2.** Find the slope of a line perpendicular to the line whose equation is 4y + 12x = 16.
- **3.** $m_1 \perp m_2$ If the slope of m_1 is 2/5, and the slope of m_2 is (x+6)/8, find the value of x.
- 4. $m_1 \perp m_2$ If the slope of m_1 is 5/8, and the slope of m_2 is 6/(2x-12), find the value of x.
- Find the slope of a line parallel to a line whose slope is (3/4).
- **6.** Find the slope of the line perpendicular to a line whose slope is (2/5).

- 7. Find the slope of a line parallel to the line whose equation is y + 3x = 15.
- 8. Find the slope of a line perpendicular to the line whose equation is 3y + x = 9.

- 9. $m_1 \parallel m_2$ If the slope of m_1 is 2x/5, and the slope of m_2 is (x+9)/13, find the value of x.
 - 10. m₁ || m₂ If the slope of m₁ is 1/4, and the slope of m₂ is 6/(x-7), find the value of x.



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- **1.** Find the slope of a line parallel to the line whose equation is y 2x = 10.
- **2.** Find the slope of a line perpendicular to the line whose equation is 2y + 8x = 10.
- **3.** $k_1 \perp k_2$ If the slope of k_1 is 4/3, and the slope of k_2 is (x+3)/4, find the value of x.
- 4. $k_1 \perp k_2$ If the slope of k_1 is 4/5, and the slope of k_2 is 5/(3x-11), find the value of x.
- Find the slope of a line parallel to a line whose slope is (1/6).
- **6.** Find the slope of the line perpendicular to a line whose slope is (4/7).

- 7. Find the slope of a line parallel to the line whose equation is y + 4x = 18.
- 8. Find the slope of a line perpendicular to the line whose equation is 4y + 2x = 8.

- 9. k₁ || k₂ If the slope of k₁ is x/6, and the slope of k₂ is (x+3)/12, find the value of x.
- 10. k₁ || k₂ If the slope of k₁ is 3/5, and the slope of k₂ is 5/(x-5), find the value of x.



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- Find the slope of a line parallel to the line whose equation is y - 3x = 12.
- **2.** Find the slope of a line perpendicular to the line whose equation is 3y + 12x = 18.
- **3.** $p_1 \perp p_2$ If the slope of p_1 is 5/6, and the slope of p_2 is (x+6)/5, find the value of x.
- 4. $p_1 \perp p_2$ If the slope of p_1 is 5/6, and the slope of p_2 is 6/(4x-14), find the value of x.
- Find the slope of a line parallel to a line whose slope is (2/9).
- **6.** Find the slope of the line perpendicular to a line whose slope is (3/8).

- 7. Find the slope of a line parallel to the line whose equation is y + 2x = 16.
- 8. Find the slope of a line perpendicular to the line whose equation is 5y + 4x = 10.
- 9. p₁ || p₂ If the slope of p₁ is 2x/7, and the slope of p₂ is (x+6)/14, find the value of x.
- p₁ || p₂ If the slope of p₁ is 4/6, and the slope of p₂ is 8/(x-9), find the value of x.



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- Find the slope of a line parallel to the line whose equation is y - 4x = 16.
- **2.** Find the slope of a line perpendicular to the line whose equation is 2y + 6x = 14.
- **3.** $s_1 \perp s_2$ If the slope of s_1 is 2/9, and the slope of s_2 is (x+2)/6, find the value of x.
- 4. $s_1 \perp s_2$ If the slope of s_1 is 6/7, and the slope of s_2 is 8/(2x-10), find the value of x.
- Find the slope of a line parallel to a line whose slope is (3/6).
- **6.** Find the slope of the line perpendicular to a line whose slope is (4/9).

- 7. Find the slope of a line parallel to the line whose equation is y + 3x = 18.
- 8. Find the slope of a line perpendicular to the line whose equation is 4y + 3x = 12.
- 9. s₁ || s₂ If the slope of s₁ is 3x/4, and the slope of s₂ is (x+3)/16, find the value of x.
- **10.** $s_1 \parallel s_2$ If the slope of s_1 is 2/5, and the slope of s_2 is 6/(x-4), find the value of x.

