

7) through: $(5, -2)$ and $(2, 4)$

8) through: $(-2, -3)$ and $(5, -2)$

Write the standard form of the equation of the line described.

9) through: $(5, 2)$, parallel to $y = x + 3$

10) through: $(-1, 3)$, parallel to $y = 4x - 3$

11) through: $(2, 4)$, perp. to $y = -\frac{1}{2}x - 3$

12) through: $(-4, 4)$, perp. to $y = x + 4$

$$27) \frac{\sqrt{4}}{\sqrt{12}}$$

$$28) -\frac{4}{3\sqrt{5}}$$

$$29) \frac{-3-2\sqrt{2}}{\sqrt{11}}$$

$$30) \frac{-4+2\sqrt{3}}{3\sqrt{15}}$$

$$31) \frac{\sqrt{2}+4}{3\sqrt{15}}$$

$$32) \frac{3+2\sqrt{2}}{3\sqrt{2}}$$

