

P.I. A.A.34: Write the equation of a line, given its slope and the coordinates of a point on the line

1. Write the standard form of the equation of the line with slope 0 passing through the point $(-3, -2)$.
2. Write the standard form of the equation of the line with slope 0 passing through the point $(5, -7)$.
3. Write the standard form of the equation of the line with slope 0 passing through the point $(1, -4)$.
4. Give the standard form of the equation of the line that has a slope of 3 and contains $(0, -7)$.
[A] $3x - y = 7$ [B] $3x + y = 7$
[C] $3x - y = -21$ [D] $-7x - y = 3$
5. Give the standard form of the equation of the line that has a slope of 7 and contains $(0, -3)$.
[A] $7x + y = 3$ [B] $-3x - y = 7$
[C] $7x - y = 3$ [D] $7x - y = -21$
6. Give the standard form of the equation of the line that has a slope of -4 and contains $(0, 7)$.
[A] $4x + y = -28$ [B] $4x - y = 7$
[C] $4x + y = 7$ [D] $-7x + y = 4$
7. Give the standard form of the equation of the line that has a slope of 5 and contains $(0, -4)$.
[A] $5x - y = -20$ [B] $-4x - y = 5$
[C] $5x + y = 4$ [D] $5x - y = 4$
8. Give the standard form of the equation of the line that has a slope of 6 and contains $(0, -2)$.
[A] $-2x - y = 6$ [B] $6x - y = 2$
[C] $6x - y = -12$ [D] $6x + y = 2$
9. Give the standard form of the equation of the line that has a slope of -9 and contains $(0, -6)$.
[A] $9x + y = -6$ [B] $9x - y = 6$
[C] $9x + y = 54$ [D] $6x + y = 9$
10. Give the standard form of the equation of the line that has a slope of 9 and contains $(0, -8)$.
[A] $9x + y = 8$ [B] $9x - y = 8$
[C] $-8x - y = 9$ [D] $9x - y = -72$

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[1] $y + 2 = 0$ _____

[2] $y + 7 = 0$ _____

[3] $y + 4 = 0$ _____

[4] A _____

[5] C _____

[6] C _____

[7] D _____

[8] B _____

[9] A _____

[10] B _____