Name

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Section *

✓ * 1/1

A line passes through the point $(-2, -4)$ and is perpendicular to the line $3x - y + 5 = 0$. The equation of the line is
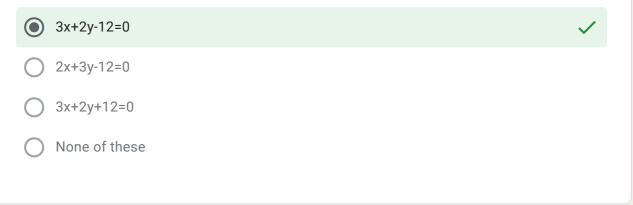
○ x+3y+15=0

○ 3x+y+15=0

○ x+3y-14=0

◉ x+3y+14=0 ✓

The equation of the line so that the line segment intercepted between the axes is bisected at the point $(2, 3)$, is

- ⦿ 3x+2y-12=0 ✓
- ◯ 2x+3y-12=0
- ◯ 3x+2y+12=0
- ◯ None of these

The y -intercept of a line is -3 and it is perpendicular to the line $3x - 2y + 5 = 0.$ The equation of the line is

- ⦿ 2x+3y+9=0 ✓
- ◯ 2x-3y+9=0
- ◯ 2x+3y-9=0
- ◯ 2x-3y-9=0

A line passes through the point $(2, -5)$ and is parallel to the line $2x - 3y = 7$. The equation of the line is

- ◯ 2x+3y-14=0
- ◯ 2x-3y-21=0
- ⦿ 2x 2y 19=0

2x-3y-19=0 ✓

○ None of these

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