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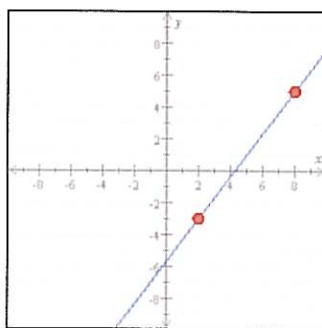
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21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50

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Question #45 / 50

Find an equation of the line below.



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Question #46 / 50

Write equations for the vertical and the horizontal lines passing through the point $(-4, 6)$ in (x, y) -coordinates.

vertical line: <input type="text"/>	<input type="checkbox"/> = <input type="checkbox"/>
horizontal line: <input type="text"/>	
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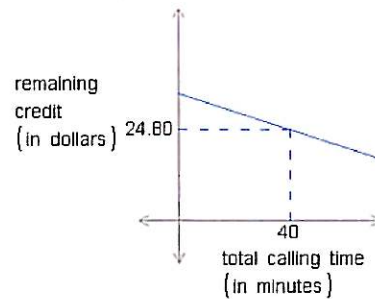
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Question #47 / 50

Suppose that the credit remaining on a phone card (in dollars) is a linear function of the total calling time (in minutes). When graphed, the function gives a line with a slope of -0.12 . See the figure below.

There is \$24.80 in credit remaining on the card after 40 minutes of calls. How much credit will there be after 55 minutes of calls?

\$

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Question #49 / 50

Find the values of x and y that solve the following system of equations:

$$-8x - 7y = -16$$

$$-4x - 5y = 4$$

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$y =$ <input type="text"/>	
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
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Question #50 / 50

Find two numbers whose sum is 56 and such that one is 3 times as large as the other.

(We will call the two numbers x and y .)

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$y =$ <input type="text"/>	
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