Navigate questions by number

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41	42	43	44	45	46	47	48	49	50										

Submit Quiz | Total time remaining: 1:38

Question #28 / 50

Tom will rent a car for the weekend. He can choose one of two payment plans. The first plan costs $57.96 for two days plus 12 cents per mile. The second plan costs $53.96 for two days plus 16 cents per mile. How many miles does Tom need to drive for the two plans to cost the same?

miles Clear Undo Help

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41	42	43	44	45	46	47	48	49	50										

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Question #29 / 50

For his long distance phone service, Scott pays a 7 monthly fee plus 7 cents per minute. Last month, Scott's long distance bill was $\$16.38$. For how many minutes was Scott billed?

minutes Clear Undo Help

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41	42	43	44	45	46	47	48	49	50										

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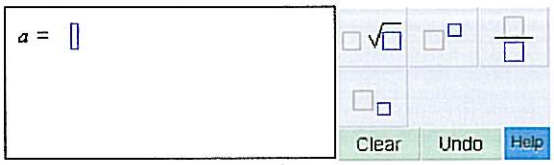
Question #30 / 50

The area of a trapezoid is given by

$$A = \frac{1}{2} h(a+b),$$

where h is the height of the trapezoid, and a and b are the lengths of the upper and the lower base, respectively.

Solve for a.

$a =$ 

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Question #31 / 50

The length of a rectangle is twice its width. If the perimeter of the rectangle is 60 ft , find its area.

$\square$ ft^2

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41	42	43	44	45	46	47	48	49	50										

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Question #32 / 50

The perimeter of a rectangular garden is 322 feet. If the width of the garden is 75 feet, what is its length?

feet Clear Undo Help

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41	42	43	44	45	46	47	48	49	50										

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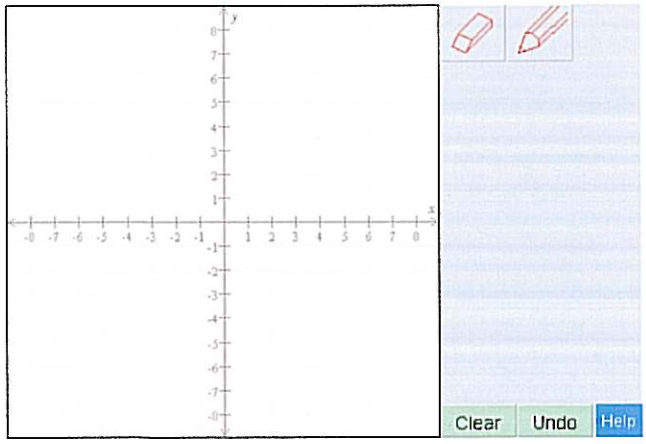
Total time remaining: 1:24

Question #33 / 50

Using the pencil, plot the point $(-1, 4)$.



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41	42	43	44	45	46	47	48	49	50										

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Total time remaining: 1:24

Question #34 / 50

Give an ordered pair (x, y) of numbers that satisfy the equation

$$6x - y = 2 .$$

$(x, y) =$ $(\square, \square)$

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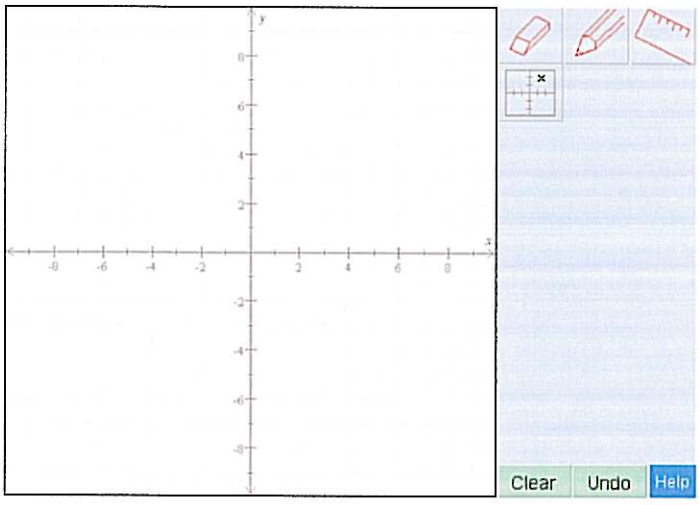
Total time remaining: 1:19

Question #35 / 50

Graph the line.

$$y = 3x - 5$$



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