

**CALCULUS** 8/e
For Business, Economics, and the Social and Life SciencesHOFFMANN
BRADLEY

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You received 0 out of 5 possible points (not including any ungraded questions). Your final grade is 0%.

Question	Points Possible	Your Score
<p>1 Find the slope of the line joining the points $(-1, 2)$ and $(3, -3)$.</p> <p><input type="text"/></p> <p><i>Your answer:</i> None Given</p> <p><i>Correct answer:</i> $-\frac{5}{4}$</p>	1	0
<p>2 Find the slope and y intercept of the line $3y + 2x = 21$.</p> <p>Slope = <input type="text"/> and y intercept: (<input type="text"/>, <input type="text"/>)</p> <p><i>Your answer:</i> None Given</p> <p><i>Correct answer:</i> Slope = $-\frac{2}{3}$ and y intercept: $(0, 7)$</p>	1	0
<p>3 Find the equation of the line that passes through the points $(1, -2)$ and $(-1, 6)$.</p> <p>The equation of the line is <math>y = \text{<input type="text"/>}</math>.</p> <p><i>Your answer:</i> None Given</p> <p><i>Correct answer:</i> The equation of the line is $y = -4x + 2$.</p>	1	0
<p>4 Since the beginning of the year, the price of whole wheat bread at a local discount supermarket has been rising at a constant rate of 2 cents per month. By September first, the price had reached \$1.41 per loaf. Express the price of the bread as a function of time and determine the price of bread (in dollars) at the beginning of the year.</p> <p>Your Answer: <input type="text"/></p> <p><i>Your answer:</i> None Given</p> <p><i>Correct answer:</i> 1.25</p>	1	0
<p>5 Let L be the line $6x + 5y = 15$. Find the equation of a line L_2 perpendicular to L through $Q(5, -5)$.</p> <p><input type="radio"/> A. $y = -\frac{5}{6}x - \frac{5}{6}$</p> <p><input type="radio"/> B. $y = \frac{5}{6}x + \frac{5}{6}$</p> <p><input type="radio"/> C. $y = \frac{5}{6}x - \frac{55}{6}$</p> <p><input type="radio"/> D. $y = -\frac{6}{5}x + 1$</p> <p><i>Your answer:</i> None Given</p> <p><i>Correct answer:</i> C</p>	1	0