



Algebra Post-Test

Name: _____ Teacher(s): _____

<p>1) A straight line passes through the points (3, 2) and (4, 5). Determine the slope of the line.</p> <p>a) 4 b) 3 c) $\frac{1}{3}$ d) 2</p>	<p>How confident are you of your answer?</p> <p><input type="checkbox"/> 1: Not at all confident <input type="checkbox"/> 2: Not confident <input type="checkbox"/> 3: Somewhat confident <input type="checkbox"/> 4: Confident <input type="checkbox"/> 5: Very confident</p>
<p>2) A straight line passes through the points (3, 2) and (4, 5). Determine the Y axis intercept.</p> <p>a) -15 b) -7 c) 7 d) -3</p>	<p>How confident are you of your answer?</p> <p><input type="checkbox"/> 1: Not at all confident <input type="checkbox"/> 2: Not confident <input type="checkbox"/> 3: Somewhat confident <input type="checkbox"/> 4: Confident <input type="checkbox"/> 5: Very confident</p>
<p>3) Do the points (0, 4), (4, 6) and (8, 8) lie on the same straight line?</p> <p>a) Yes b) No c) undefined</p>	<p>How confident are you of your answer?</p> <p><input type="checkbox"/> 1: Not at all confident <input type="checkbox"/> 2: Not confident <input type="checkbox"/> 3: Somewhat confident <input type="checkbox"/> 4: Confident <input type="checkbox"/> 5: Very confident</p>
<p>4) Evaluate the following expression, if $p = -2$, $q = 4$, and $r = -5$</p> $\frac{q + r}{q + p}$ <p>a) 4 b) -3 c) $-\frac{1}{2}$ d) 0</p>	<p>How confident are you of your answer?</p> <p><input type="checkbox"/> 1: Not at all confident <input type="checkbox"/> 2: Not confident <input type="checkbox"/> 3: Somewhat confident <input type="checkbox"/> 4: Confident <input type="checkbox"/> 5: Very confident</p>
<p>5) Solve using the addition method:</p> $\begin{array}{r} 3x - 2y = -5 \\ x + 2y = 9 \end{array}$ <p>a) (-3, 4) b) (2, 4) c) (1, 4) d) (1, 3)</p>	<p>How confident are you of your answer?</p> <p><input type="checkbox"/> 1: Not at all confident <input type="checkbox"/> 2: Not confident <input type="checkbox"/> 3: Somewhat confident <input type="checkbox"/> 4: Confident <input type="checkbox"/> 5: Very confident</p>