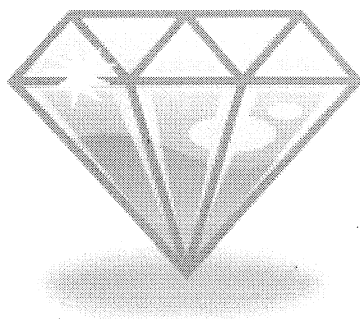


# TriMind Activity

**Learning Target:** I can determine the value of a variable in an algebraic equation such as:  $3y + 2 = 1$ .

## Directions:

Pick **ONE** of the following activities based on your thinking preference: creative, practical, or analytical. Complete the activity on a piece of lined paper to demonstrate your understanding of the learning target. Each activity is worth 10 points.



## Creative

Create a scenario for which you could use an equation to help you the solution to an unknown variable. Write out the scenario, write out the equation, and then the equation for the unknown variable.

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## Practical

The phone company charges \$1.35 to connect your call and then \$0.03 per minute. If your call cost \$7.80, how many minutes did you talk? Write an equation (using the variable  $m$  for solve the number of minutes) for the given situation and then solve it to

at the answer.

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## Analytical

Your classmate solves the following equation  $5x + 25 = 50$  and gets the solution  $x = 15$ . Solve the equation to find the correct solution for  $x$ . Describe what your classmate did incorrectly. Make a list of step-by-step directions that he/she can follow.

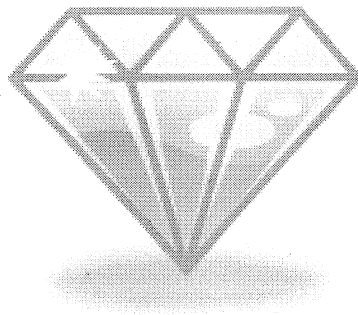
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# TriMind Activity - Rubric

**Learning Target:** I can determine the value of a variable in an algebraic equation such as:  $3y + 2 = 1$ .

## Directions:

Pick **ONE** of the following activities based on your thinking preference: creative, practical, or analytical. Complete the activity on a piece of lined paper to demonstrate your understanding of the learning target. Each activity is worth 10 points.



## Creative

**Scenario** is valid and clearly written. (3 points)  
**Equation** fits the scenario and is written accurately. (3 points)  
**Equation** is solved algebraically. (2 points)  
**Solution** for the variable is correct. (2 points)

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## Practical

**Equation** is written correctly to fit the scenario. (5 points)  
**Equation** is solved algebraically. (2 points)  
**Solution** for the variable is correct. (3 points)

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## Analytical

**Correct solution** to the equation. (3 points)  
**Classmate error** is correctly deduced. (3 points)  
**Directions** are clearly stated and correct. (4 points)

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