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|  | **Find the coordinates of a point that lies on a line which passes through point *P* and is perpendicular to line *c*.** |
|  |  |
|  | **Create two different equations that correspond to the graph shown:** |
|  |  |

**Multiple Representations of Functions Assessment Sort Answer Key**

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| **Grade 3 – 3.16**  **Solve problems that involve the application of input and output rules limited to addition and subtraction of whole numbers.** | |
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| **Grade 6 – 6.12d**  **Make connections between and among representations of a proportional relationship between two quantities using verbal descriptions, ratio tables, and graphs.** | |
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| **Grade 7 – 7.10e**  **Make connections between and among representations of a proportional or additive relationship between two quantities using verbal descriptions, tables, equations, and graphs.** | |
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| **Grade 8 – 8.16e**  **Make connections between and among representations of a linear function using verbal descriptions, tables, equations, and graphs.** | |
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| **Algebra 1 – A.7f**  **Represent relations and functions using verbal descriptions, tables, equations, and graph. Given one representation, represent the relation in another form.**  **Investigate and analyze characteristics and multiple representations of functions with a graphing utility.** | |
| Performance Analysis 2014 | Performance Analysis 2014 |
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| **Geometry - G.3a**  **The student will solve problems involving symmetry and transformation. This will include investigating and using formulas for determining distance, midpoint, and slope;** | |
| **Find the coordinates of a point that lies on a line which passes through point *P* and is perpendicular to line *c*.**    Performance Analysis 2013 |  |
| **Algebra 2 – AII.7g**  **Make connections between and among multiple representations of functions using verbal descriptions, tables, equations, and graphs**  **Represent relations and functions using verbal descriptions, tables, equations, and graph. Given one representation, represent the relation in another form.** | |
| Performance Analysis 2014 | Performance Analysis 2014 |
| Performance Analysis 2014 |  |
| **Trigonometry** | **Math Analysis** |
| Create two different equations that correspond to the graph shown: |  |