|  | Problem 1 | Problem 2 | Gridded Response |
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| Monday | The length of a rectangle is 3 centimeters more than 4 times the width. If the perimeter of the rectangle is 56 centimeters, what is the length of the rectangle? | A lines passes through the points ( $-2,3$ ) and ( $-2,-6$ ). What is the slope of the line? |  |
| Tuesday | The base of a triangle is 8 cm and the height is 15 cm . Find the length of the hypotenuse. | Simplify: $\frac{8 x^{6} y^{8}}{10 x^{5} y^{5}}$ |  |
| Wednesday | A bike spin club charges a $\$ 25$ joining fee plus $\$ 4$ for each visit. Josie spent a total of $\$ 205$ at the club this year. Use an equation to find the number of visits she has made to the club this year. | The sum of two numbers is 80. Their difference is 24 . Write a system of equations to find the two numbers. |  |


| Thursday | Five years ago the price of a regular package of skittles is $\$ 1.56$. The current price of the package is $\$ 3.06$. What is the rate of change in the price of the skittles? | What is the sum of the slope of the equation $y=2 x+2$ and the $y$-intercept of $y=\frac{3}{5} x-$ 6 ? | Problem 2 |
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| Friday | Give an example of two sets of data that would have a negative correlation. | What is the difference between the y-intercepts of the two functions below? <br> 1) $y=5 x-4$ <br> 2) Table of Values | Problem 2 |

