CCM8 - Quarter 4 - Week 4

Due: 4/20/18

| | 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? | Problem 1 O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O |
| Tuesday | The base of a triangle is 8 cm and the height is 15 cm. Find the length of the hypotenuse. | Simplify: $\frac{8x^6y^8}{10x^5y^5}$ | Problem 1 Image: Constraint of the state of |
| 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. | Problem 1 O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O < |

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| 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? Skittles Prices 0 \$1.56 5 \$3.06 | What is the sum of the slope of the equation $y = 2x + 2$ and the y-intercept of $y = \frac{3}{5}x - 6$? | Problem 2 Image: Constraint of the second state of the second |
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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? 1) $y = 5x - 4$ 2) Table of Values $\begin{array}{r rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | Problem 2 O <td< th=""></td<> |