Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pd \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Week 29 Homework: April 6-9, 2015**

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| --- | --- |
| 1. Solve for a. You must show work! | 2. Solve for b. You must show work! |
| 3. Solve and round to the tenths place. | 4. Solve and round to the hundredths place. |
| 5. Reflect Triangle ABC over the y axis | 6. What ordered pair satisfies both equations? |
| 7. Does the ordered pair (2, 10) fit the equations and ? | 8. If the measure of angle 4 is 109° what will angle 6 be? |
| 9. Convert to scientific notation.  3,450,000,000 | 10. Will this be a proportional or non-proportional line? Explain why. |
| 11. What is the equation of table?  hours driven to miles traveled? | 8_MTXEDI066328_037T8_MTXEDI066328_037T12. Rotate Quadrilateral ABCD 180°. |
| 13. William bought 8 pounds of bananas to make banana pudding. He paid a total of $6.00. Fill out the table.     |  |  | | --- | --- | | **Pounds of Bananas** | **Cost** | | 0 |  | | 1 |  | | 2 |  | | 3 |  | | 4 |  | | 5 |  | | 14. Graph the table from problem 13. |
| 15. Find the volume of the cone. | 16. Find the lateral surface area of the cylinder. |
| 17. Amber drove a total of 256 miles to her aunt’s house. She drove the same number of miles for 3 days. Write an equation to show, m, how many miles she drove each day. | 18. Find the mean absolute deviation of number of texts in Sarah’s family. |
| 19. Write the rule for transformation that goes up 2 and down 8. | 20. Write the rule for a dilation of 3. |