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

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

|  |  |
| --- | --- |
| 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. |