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| **Transformations:** Given , correctly match the following statements. | |
| \_\_\_\_\_\_\_ 1.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** | 1. Slope has the same steepness, the x-intercept shifted **3 units right**, and the y-intercept changed 2. Slope has the same steepness, the x-intercept shifted **3 units left**, and the y-intercept changed 3. Slope has the same steepness, the y-intercept shifted **3 units up**, and the x-intercept changed 4. Slope has the same steepness, the y-intercept shifted **3 units down**, and the x-intercept changed 5. Slope has the **same steepness** (reflection), the x-intercepts change, and the **y-intercepts stay the same** (rotates about the y-intercepts) 6. Slope has the **same steepness** (reflection), the y-intercepts change, and the **x-intercepts stay the same** (rotates about the x-intercepts) 7. **Slope is steeper** and the **y-intercepts do not change** (rotates about the y-intercepts) 8. **Slope is steeper**, the **y-intercepts change**, and the x-intercepts do not change (rotates about the x-intercepts) 9. Slope is **less steep** and the **y-intercepts do not change** (rotates about the y-intercepts) 10. Slope is **less steep** and the **y-intercepts change**, and the x-intercepts stay the same (rotates about the x-intercepts) |
| \_\_\_\_\_\_\_ 2        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_3.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_4.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_5.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_6.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_7.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_8.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_9.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |
| \_\_\_\_\_\_\_10.        **m= \_\_\_\_ m= \_\_\_\_**  **b=\_\_\_\_\_ b=\_\_\_\_\_** |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_/\_\_\_/\_\_\_ Period \_\_\_\_

Reviewing Transformations