Name

**Writing Equations of Lines**

Write each equation in point-slope form (except #9.) Show all work (#1, #6, #8.)

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| 1. Write the equation of the line passing through the points (5, 7) and (6, 8). | 2. Write the equation of the line passing through the point (-9, 8) with a slope of 0. | 3. Write the equation of the line passing through the point (-2, 3) with a slope of 4. |
| 4. Write the equation of the line passing through the point (4, -2) with a slope of 0. | 5. Write the equation of a line passing through the point (6, 4) with a slope of | 6. Write the equation of the line passing through the points  (-3, 6) and (3, -6) |
| 7. Write the equation of the line passing through the point (6, -2) with a slope of | 8. Write the equation of the line passing through the points  (11, 7) and (9, 3) | 9. Write the equation of the line which passes through the point (7, 12) and *m* is undefined. |