Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Quiz Review Chapter 6

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| 1. graph the line y = 4  This is a \_\_\_\_\_\_\_\_\_\_ (vertical or horizontal) line with a slope of (0 or undefined) | 2. Graph the line x = 4  This is a \_\_\_\_\_\_\_\_\_\_ (vertical or horizontal) line with a slope of (0 or undefined) |
| 3. Identify the x and y intercepts, then graph:  4x – y = -4  x-int \_\_\_\_\_\_ y-int \_\_\_\_\_\_ | 4. Identify the x and y-intercepts, then graph:  3y – 4x + 4 = x – 7y – 16  x-int \_\_\_\_\_\_ y-int \_\_\_\_\_\_\_ |
| 5. Identify the slope and the point the line passes through, then graph:  Y + 4 = -(x – 6)  Slope \_\_\_\_\_\_  Point \_\_\_\_\_\_ | 6. Identify the slope and the point the line passes through, then graph:  Y – 2 = (x + 1)  Slope \_\_\_\_\_\_  Point \_\_\_\_\_\_\_ |
| 7. Write the equation in standard form using integers:  x – 6 = - y | 8. Write an equation in standard form using integers:  – x = y |
| 9. Write the equation for the line with a slope of -2 and passing through (-4, 12)  A. in point slope form  B. in slope intercept form | 10. Write the equation for the line with a slope of and passing through (14, -21)  A. in point slope form  B. in slope intercept form |
| 11. Write the equation for the line that passes through (-6, 4) and (-4, 2)  A. in point slope form  B. in slope intercept form | 12. Write the equation for the line that passes through (5, 3) and (10, 2)  A. in point slope form  B. in slope intercept form |
| 13. Brittany bought some itunes gift cards. They were $15 or $25. She spent $300.  A. Define your variables:  $15 gift card \_\_\_\_\_\_\_ $25 gift card \_\_\_\_\_\_  B. Equation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  C. What are the x-and y-intercepts of your equation? What do they mean in terms of the situation? | 14. Kurt bought some starbucks gift cards. They were $5 or $10. He spent $600.  A. Define your variables:  $5 gift card \_\_\_\_\_\_\_ $10 gift card \_\_\_\_\_\_  B. Equation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  C. What are the x-and y-intercepts of your equation? What do they mean in terms of the situation? |