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

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| 1. graph the line y = 4This is a \_\_\_\_\_\_\_\_\_\_ (vertical or horizontal) line with a slope of (0 or undefined)  | 2. Graph the line x = 4This is a \_\_\_\_\_\_\_\_\_\_ (vertical or horizontal) line with a slope of (0 or undefined)  |
| 3. Identify the x and y intercepts, then graph:4x – y = -4x-int \_\_\_\_\_\_ y-int \_\_\_\_\_\_ | 4. Identify the x and y-intercepts, then graph:3y – 4x + 4 = x – 7y – 16x-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 = $\frac{3}{4}$(x + 1)Slope \_\_\_\_\_\_Point \_\_\_\_\_\_\_ |
| 7. Write the equation in standard form using integers:$\frac{4}{5}$x – 6 = - $\frac{3}{4}$y | 8. Write an equation in standard form using integers:$\frac{1}{3}$ – x = $\frac{2}{5}$y  |
| 9. Write the equation for the line with a slope of -2 and passing through (-4, 12)A. in point slope formB. in slope intercept form | 10. Write the equation for the line with a slope of $\frac{3}{7}$ and passing through (14, -21) A. in point slope formB. in slope intercept form |
| 11. Write the equation for the line that passes through (-6, 4) and (-4, 2)A. in point slope formB. in slope intercept form | 12. Write the equation for the line that passes through (5, 3) and (10, 2)A. in point slope formB. 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? |