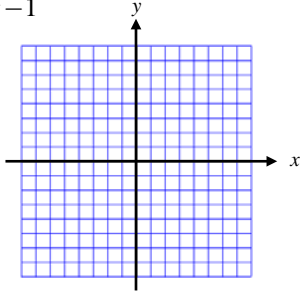
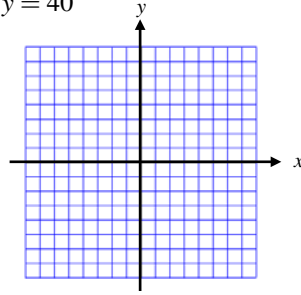


For questions 1 - 6, graph each equation.

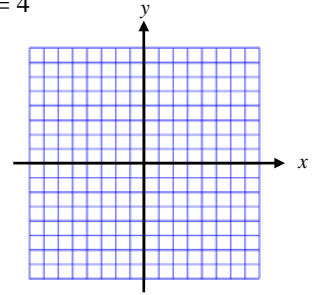
1. $y = \frac{2}{5}x - 1$



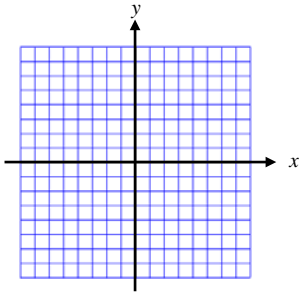
2. $10x - 5y = 40$



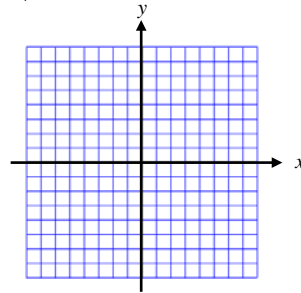
3. $x = 4$



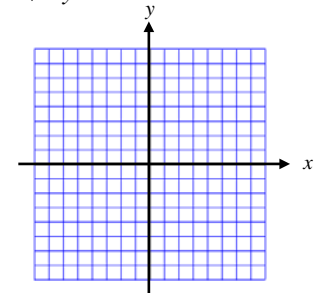
4. $y = -3$



5. $y = -3x + 4$



6. $-6x + 4y = 12$

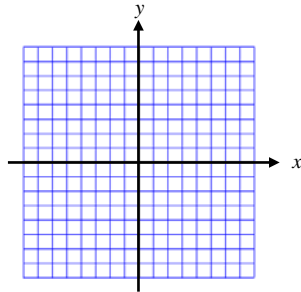


For questions 7 and 8, graph the function and state the domain and range.

7. $f(x) = 5 - 2x$ if $x \leq 3$

Domain:

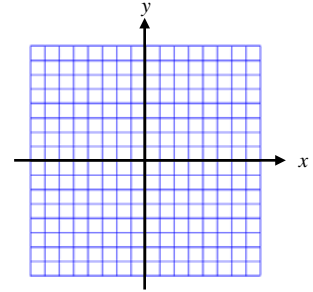
Range:



8. $g(x) = \frac{3}{4}x + 2$ if $x \geq -4$

Domain:

Range:



9. What is the slope of a horizontal line?

10. What is the slope of a vertical line?

For questions 11 - 14, suppose you are given the two points $P(5, 9)$ and $Q(-3, 5)$.

11. Write the equation of the horizontal line that passes through Q .

12. Write the equation of the vertical line that passes through Q .

13. Write the equation of the line that passes through P and Q using slope-intercept form.

14. Write the equation of the line that passes through P and Q using standard form.