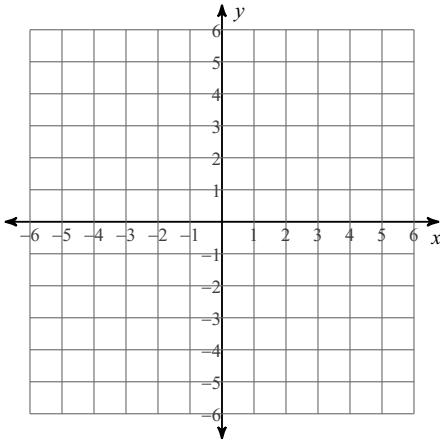


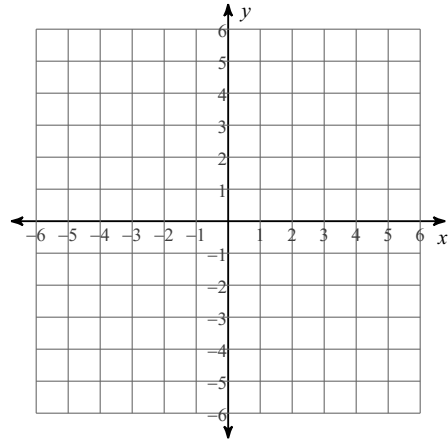
Honors 1 Semester 1 Practice Free Response

Sketch the graph of each line.

49) $y = -\frac{3}{5}x + 1$

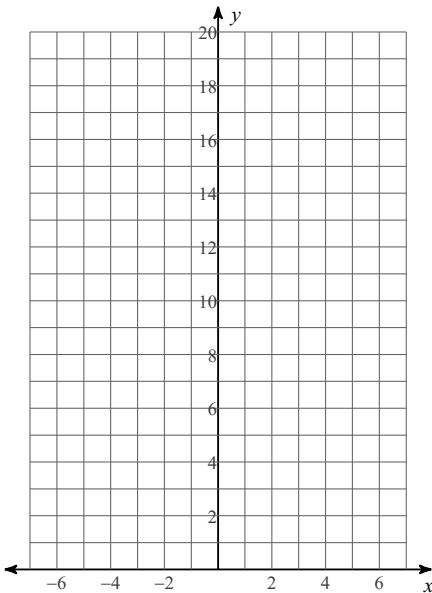


50) $y = -4$

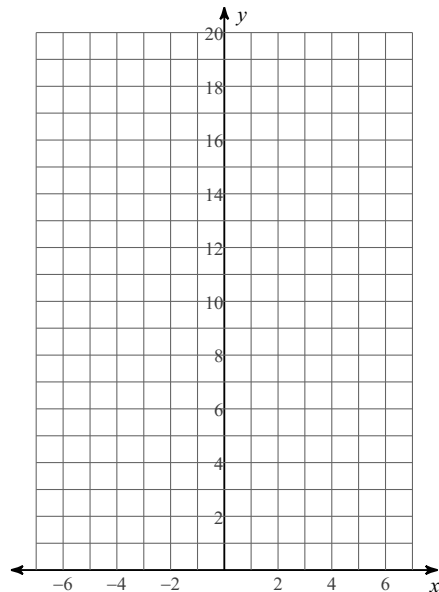


Sketch the graph of each exponential function.

51) $y = 2 \cdot 3^x$

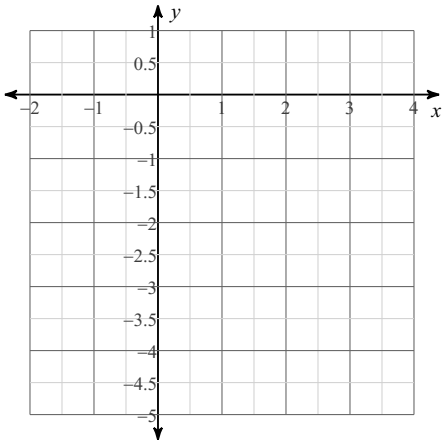


52) $y = 3 \cdot \left(\frac{1}{2}\right)^x$

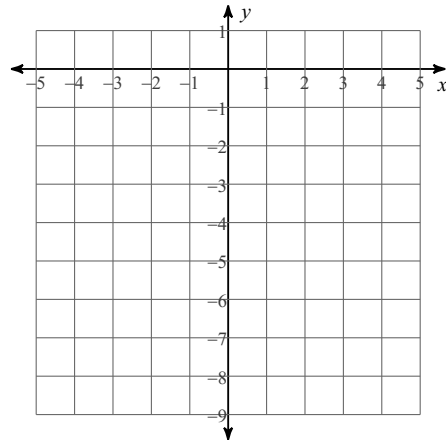


Sketch the graph of each function. Show your work!

53) $y = x^2 - 2x - 3$



54) $y = -2x^2$



Solve each equation and show your work!

55) $-3 - (r - 5) = -34 + 8r$

56) $-5 + 2x = -6x - 5(1 + 8x)$

57) $-6x - 8(x - 7) = 2 - 14x$

58) $7(-4 + 3x) = 4 + 10(3x + 4)$