1. What is the slope of the line....
   (a) Through \((-4, 1)\) and \((2, 8)\)?
   (b) \(y = \frac{-3}{7}x - 2\)
   (c) \(4y + 2x = -5\)?

2. Write the equation of the line...
   (a) containing the points \((-4, 1)\) and \((2, 8)\).
   (b) containing the point \((11, 2)\) with slope \(\frac{8}{3}\).
   (c) with \(x\)-intercept \(-4\) and parallel to the line \(y = 6x - 3\).

3. Find the intercepts of \(3x - 4y = 24\), and graph the line.

4. You own a small business baking pies. Your fixed costs (rent, insurance, equipment, etc) are $945 per month. Your variable costs are $4.96 per pie (these include things like ingredients and gas for your oven).

Write a linear equations that relates your monthly costs \(C\) with the number \(x\) of pies you made that month.