1. a) Graph the following equations on a single graph:

$$y = 2x + 2$$
and
$$2x + y = 10 \quad \text{(use intercepts to graph)}$$

   b) What do you notice?

2. a) Graph the following equations on a single graph:

$$y = \frac{1}{3}x - 1$$
and
$$x - 3y = 3 \quad \text{(use intercepts to graph)}$$

   b) What do you notice?

3. a) Graph the following equations on a single graph:

$$y = -\frac{2}{3}x + 3$$
and
$$2x + 3y = 6 \quad \text{(use intercepts to graph)}$$

   b) What do you notice?