

8) Find the slope of each line
slope
↓
 $y = mx + b$

a) $3x - 2y = 6$

$$\frac{-2y}{-2} = \frac{-3x + 6}{-2}$$

$$y = \frac{3}{2}x - 3$$

$$\text{slope} = \boxed{\frac{3}{2}}$$

b) $x = 5y$

$$\frac{x}{5} = \frac{5y}{5}$$

$$y = \frac{1}{5}x$$

$$\text{slope} = \boxed{\frac{1}{5}}$$

c) $x = 3$

$$\text{slope} = \boxed{\text{undefined}}$$