**Directions**
Match the equation to the slope and y-intercept

**Riddle:** There is an object. The person who makes it sells it. The person who buys it doesn't use it. The person who uses it doesn't know they're using it. What is it?

1) \( y = 4x + 3 \)
   - \( m = 3/2 \)
   - \( y\)-int. = 3

2) \( 4y - 2x = 8 \)
   - \( m = 4 \)
   - \( y\)-int. = 0

3) \( y = \frac{3}{2}x + 8 \)
   - \( m = \frac{3}{2} \)
   - \( y\)-int. = 8

4) \( 2y - 3x = 16 \)
   - \( m = \frac{1}{2} \)
   - \( y\)-int. = 2

5) \( y = 49x \)
   - \( m = 4 \)
   - \( y\)-int. = 4

6) \( x = 6 \)
   - \( m = \text{undefined} \)
   - \( y\)-int. = none

---

1 2 3 4 5 6