**Slope Intercept Form Practice**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**What is the slope and y intercept?**

**1. y = 3x – 5**

**2. y =** $\frac{3}{4}$**x + 2**

**3. y = - 4x**

**4. y = 5x – 2**

**5. y = -** $\frac{1}{3}$**x + 5**

**Write an equation in slope intercept using the given information.**

**6. slope = 6, y intercept = 7**

**7. slope = -4 y intercept = 2**

**8. slope =** $\frac{1}{2}$**, y intercept = -1**

**9. slope = 5, y intercept = 3**

 

**10. slope = -1, y intercept = -6**

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**Slope Intercept Form Practice Answer Key**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**What is the slope and y intercept?**

**1. y = 3x – 5 m = 3, b= -5**

**2. y =** $\frac{3}{4}$**x + 2 m = 3/4, b= 2**

**3. y = - 4x m = -4, b= 0**

**4. y = 5x – 2 m = 5, b= -2**

**5. y = -** $\frac{1}{3}$**x + 5 m = -1/3 b= 5**

**Write an equation in slope intercept using the given information.**

**6. slope = 6, y intercept = 7**

**y = 6x + 7**

**7. slope = -4 y intercept = 2**

**y = -4x + 2**

**8. slope =** $\frac{1}{2}$**, y intercept = -1**

**y = 1/2x - 1**

**9. slope = 5, y intercept = 3**

**y = 5x + 3**

 

**10. slope = -1, y intercept = -6**

**y = -x - 6**

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