Name:

Date:

School:

Facilitator:

2.03 Writing Linear Equations Additional Practice Key

Here are some additional practice problems to help you. You will not turn these in. They are just to help you better understand.

1. Find an equation using the point-slope formula: (2, 4) *m* = 2
2. 4*x*
3. 2*x*
4. 5*x*
5. 3*x*

**Answer**: 2*x*

*y* - 4 = 2(*x* - 2)

*y* - 4 = 2*x* - 4

*y* = 2*x*

1. Find an equation using the point-slope formula: (-2, -2) *m* = 5
2. *y* = 2*x* - 3
3. *y* = 2*x* - 5
4. *y* = 8*x* + 2
5. *y* = 5*x* + 8

**Answer**: *y* = 5*x* + 8

*y* - -2 = 5(*x* - -2)

*y* + 2 = 5*x* + 10

*y* = 5*x* + 8

1. Find an equation using the point-slope formula: (-2, 2) *m* = 4
2. *y* = 4*x* + 10
3. *y* = 2*x* - 89
4. *y* = 4*x* + 98
5. *y* = 6*x* - 97

**Answer**: *y* = 4*x* + 10

*y* - 2 = 4(*x* - -2)

*y* - 2 = 4*x* + 8

*y* = 4*x* + 10

1. Find an equation using the point-slope formula: (-3, -8) *m* = -2
2. *y* = -2*x* - 14
3. *y* = -9*x* - 97
4. *y* = -7*x* - 87
5. *y* = -6*x* - 77

**Answer**: *y* = -2*x* - 14

*y* - -8 = -2 (*x* - -3)

*y* + 8 = -2*x* - 6

*y* = -2*x* - 14