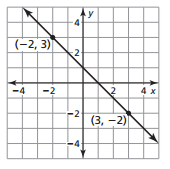
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**FINAL REVIEW DAY 2**

**Slope-Intercept Form –**

Identify the slope and y-intercept for problems 1-4.

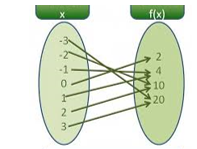
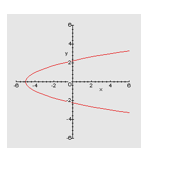
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| -3 | -1 | 1 | 3 | 5 |
| 11 | 3 | -5 | -13 | -21 |

1. 
2. Jane is a babysitter and makes $15 per hour. She works a total of 25 hours every week and makes $375. If the amount Jane makes is a function of the number of hours she works, what is the slope?

**Point-Slope Form –**

For problems 5 – 8, write the equation in point-slope form.

1. (-2, 1) and m = -3 6. (3, 5) and m =
2. 8.

**Is It a Function?**

1. 10.

**TRANSFORMATIONS OF QUADRATICS**

For problems 11 – 14, identify the transformations of the given function.

1. 12.
2. 14.

15. 16. Identify the vertex of the following functions.

a. What is the y-intercept? a.

b. What is the x-coordinate of the vertex? b.

c. What is the axis of symmetry? c.

d. What is the maximum or minimum? d.

e. What are the coordinates of the vertex?