

Name: _____

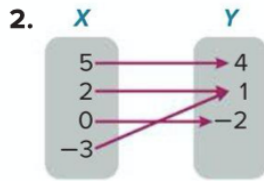
Date: _____

HW # 15: Algebra 1 - Standard 9 - Functions

5 points

Determine whether each relation is a function. Explain.

Show work needed to justify your answer.

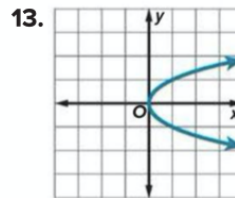
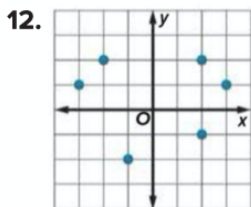


6.

x	y
3	7
-1	1
1	0
3	5
7	3

7. $\{(2, 5), (4, -2), (3, 3), (5, 4), (-2, 5)\}$

9. $y = 2x - 5$



14. **TURNPIKE** The cost for each car entering President George Bush Turnpike at Beltline Road is related to the number of cars entering the turnpike at Beltline Road. The costs of different numbers of cars entering the turnpike at Beltline Road are as follows: 1 car, \$0.75; 2 cars, \$1.50; 3 cars, \$2.25; 4 cars, \$3.00; 5 cars, \$3.75.

- Make a table.
- Determine the domain and range of the relation.
- Determine whether the relation is a function.