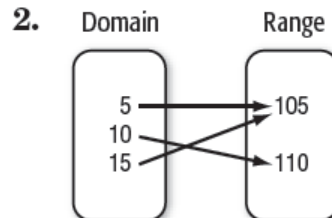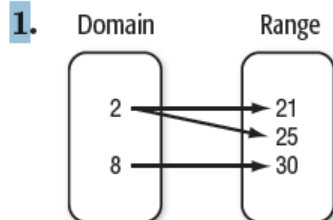Name: _____

Block: _____

Homework

State the domain and range of each relation. Then determine whether each relation is a *function*
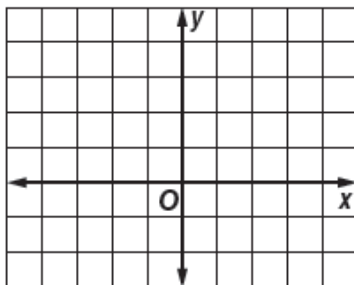
1.

Domain	Range
2	21
	25
8	30

2.

Domain	Range
5	105
10	
15	110

3.

x	y
−3	0
−1	−1
0	0
2	−2
3	4

4.

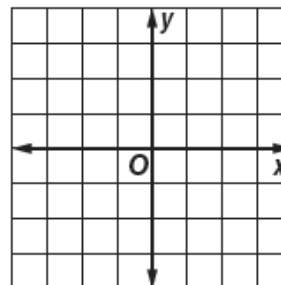| x	y
−2	−1
−2	1
−1	0
1	0
2	1

Graph each relation or equation and determine the domain and range.

5. $x = -1$

6. $y = 2x - 1$

Find each value if $f(x) = -5x + 2$ and $g(x) = -2x + 3$.

7. $f(3)$

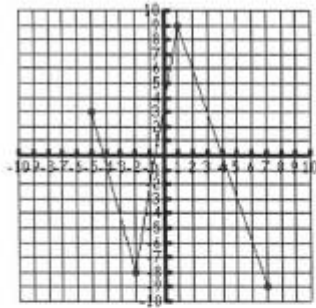**8.** $f(-4)$

9. $g\left(-12\right)$

10. $f(-2)$

11. $g(-6)$

12. $f(m-2)$

Determine if the graph is a function, then state the domain and range.
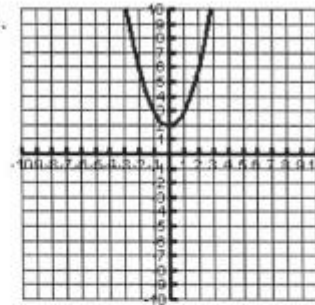
13.

Domain: _____

Range: _____

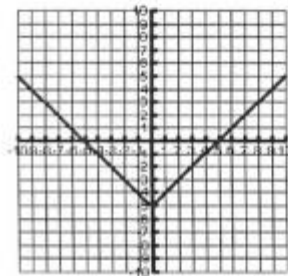Function: _____

14.

Domain: _____

Range: _____

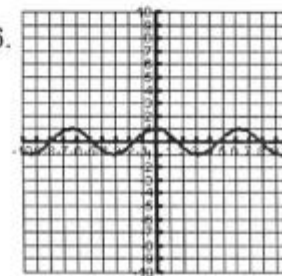Function: _____

15.

Domain: _____
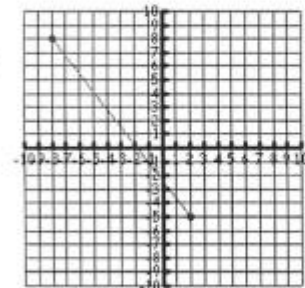
Range: _____

Function: _____

16.

Domain: _____

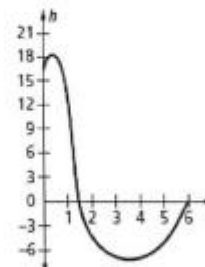Range: _____

Function: _____

17.

Domain: _____

Range: _____

Function: _____

18.

Domain: _____

Range: _____

Function: _____