

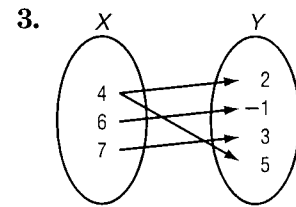
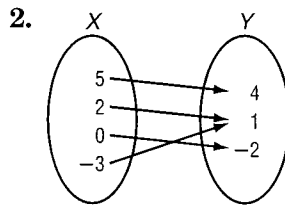
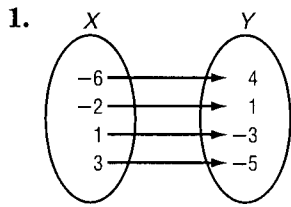
4-6

Skills Practice **HW#1**

Functions

*If not, state why it is not*

Determine whether each relation is a function.



4.

x	y
4	-5
-1	-10
0	-9
1	-7
9	1

5.

x	y
2	7
5	-3
3	5
-4	-2
5	2

6.

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

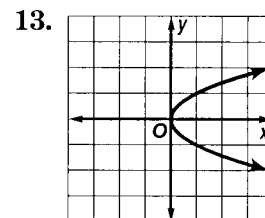
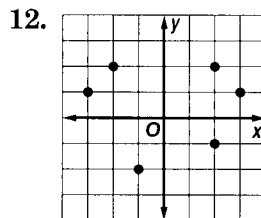
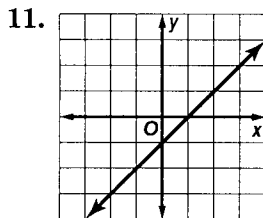
7.  $\{(2, 5), (4, -2), (3, 3), (5, 4), (-2, 5)\}$

8.  $\{(6, -1), (-4, 2), (5, 2), (4, 6), (6, 5)\}$

✿ 9.  $y = 2x - 5$

✿ 10.  $y = 11$

✿ **Tip: make a graph!**



If  $f(x) = 3x + 2$  and  $g(x) = x^2 - x$ , find each value.

14.  $f(4)$

15.  $f(8)$

16.  $f(-2)$

17.  $g(2)$

18.  $g(-3)$

19.  $g(-6)$

20.  $f(2) + 1$

21.  $f(1) - 1$

22.  $g(2) - 2$

23.  $g(-1) + 4$

24.  $f(x + 1)$

25.  $g(3b)$

*ALL WORK FOR #14-25 ON LOOSELEAF*