

BE-1A Monday 11-15-10

① 5 blue, 6 red, 9 green marbles.
Find probability of randomly
picking a green. Give answer as
① fraction ② percent

② Solve: ① $2x + 5 = -6x + 12$

② $\frac{5}{9} = \frac{(x+2)}{6}$

③ $5x + 3y = 7$ for y

③ Original: 18 Find Percent Change
New: 20 (to nearest percent)

• Collect HW5.

⑧

RELATION A SET of ordered pairs
 $\downarrow$
 {collection}

Ex (1, 5)

Ex (x, y)

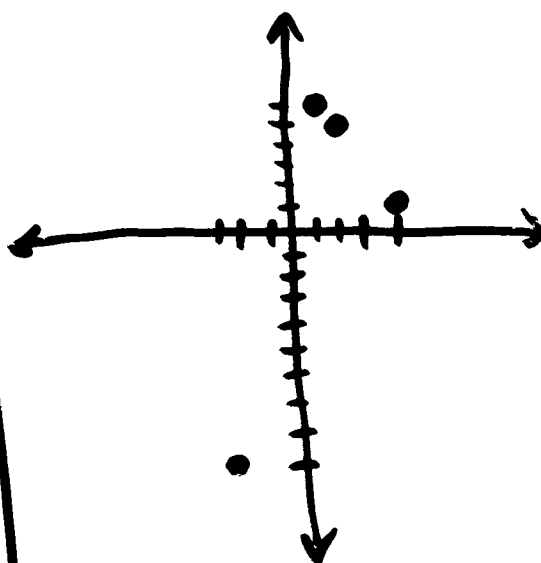
Common ways to show a relation:

List: $\{(1, 6), (2, 5), (-3, -9), (4, 1)\}$

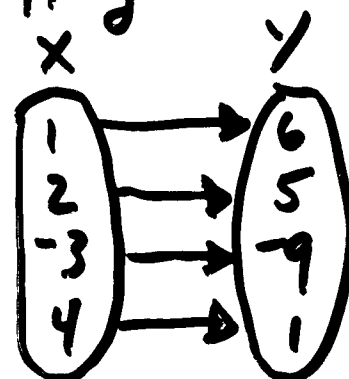
Table:

x	y
1	6
2	5
-3	-9
4	1

Graph:



Mapping:



To find the inverse of a relation,
 swap all of the x's and y's

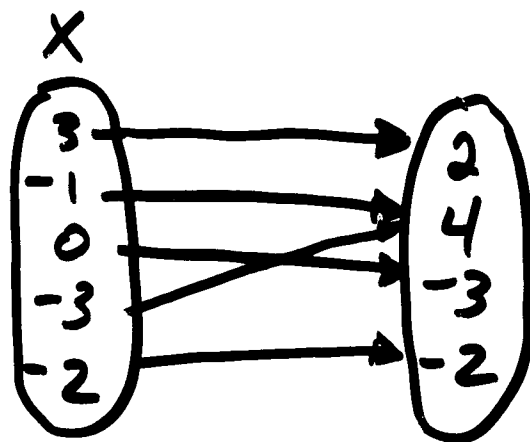
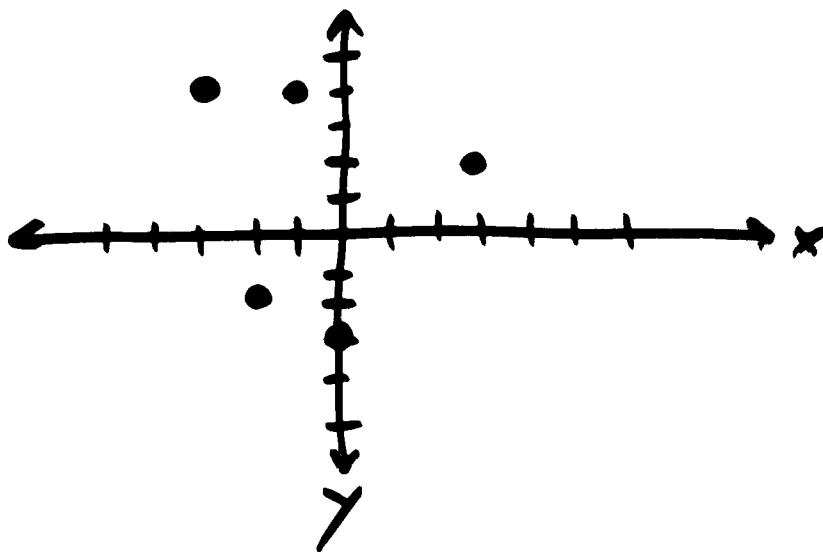
Ch. 4-3 Relations

Ex 1
pg 205

SHOW $\{(3, 2), (-1, 4), (0, -3), (-3, 4), (-2, -2)\}$

AS A TABLE, GRAPH, MAPPING

X	Y
3	2
-1	4
0	-3
-3	4
-2	-2



HW:

Chapter 4-3, Relations
Page 208, # 9, 11, 12, 13.