

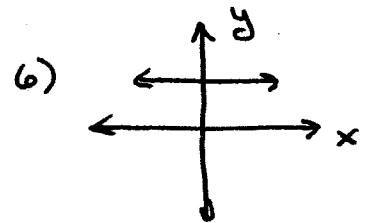
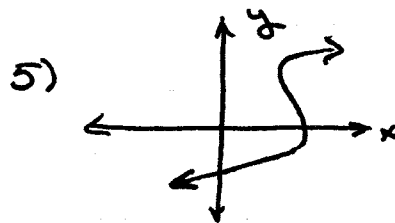
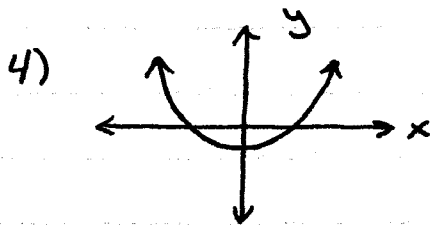
Review: Functions & Relations

For each mapping, determine whether the relation is a function.

1) Domain	Range
-2	-1
3	3
1	6
5	0

2) Domain	Range
3	-2
1	4
0	5
1	6

Determine whether each graph is a function or relation.



Let $f(x) = \frac{3+x}{x-2}$. Evaluate the function.

7) $f(3)$

8) $f(2)$

9) $f(-1)$



For this quiz, make sure you know the definitions:

10) function

11) relation

12) domain

13) range

14) mapping

Answers:

1) function

2) not a function, just a relation: $1 \begin{matrix} \nearrow 4 \\ \searrow 6 \end{matrix}$

3) no # 3, sorry

4) function

5) relation

6) function

7) $f(3) = 6$

8) $f(2)$ is undefined

9) $f(-1) = -2/3$

10) learn it

11) learn it

12) learn it

13) learn it

14) learn it