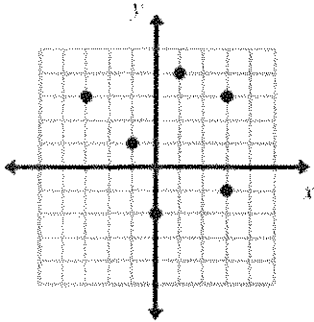


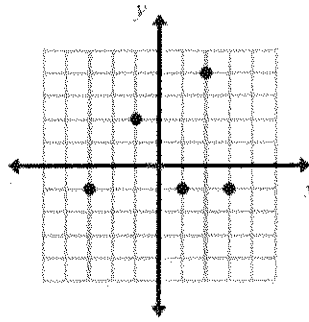
Name: _____ Date: _____

Decide whether the graph represents y as a function of x . If it is a function, give the domain and range.

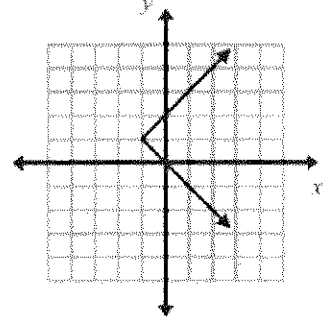
1.



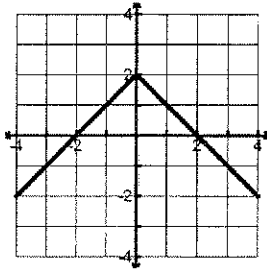
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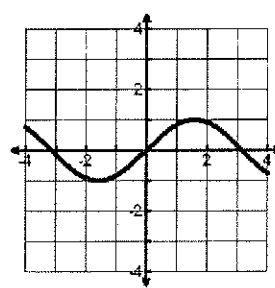
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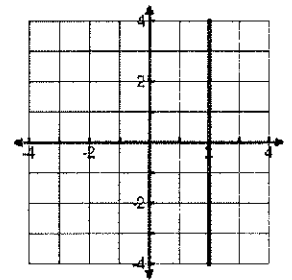
4.



5.

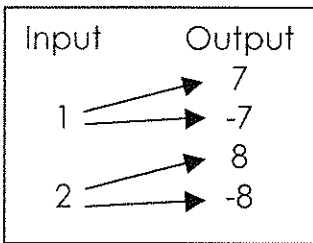


6.

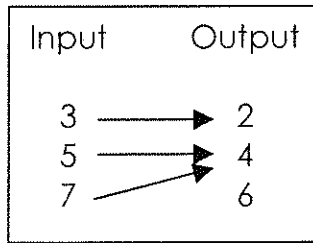


Decide whether the relation is a function. If it is a function, give the domain and the range.

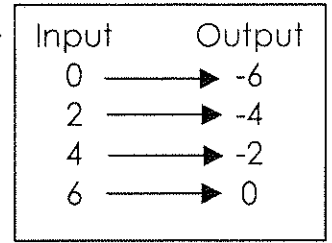
7.



8.



9.



Evaluate the function when $x = 3$, $x = 0$, and $x = -2$. (3 answers for each problem)

10. $f(x) = 2x - 5$

11. $h(x) = 6x + 2$

12. $g(x) = 2.4x$

$$13. f(x) = 2x^2 - 3$$

$$14. h(x) = x^3 - 4x$$

$$15. f(x) = 16 \cdot 2^x - 4$$

If $f(x) = 2x - 3$, $g(x) = x^3 - 2$, and $h(x) = x^2 - 3x + 5$, find each of the following:

$$16. f(4) =$$

$$17) h(-3) =$$

$$18) g(-2) =$$

Extension: $h(g(2)) =$
