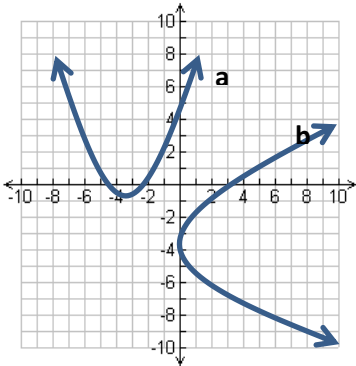
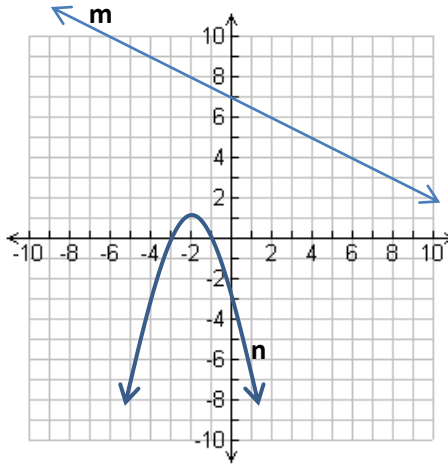


Graphing Functions and Function Notation Worksheet

1) Decide whether each graph is the graph of a function. Explain your reasoning.

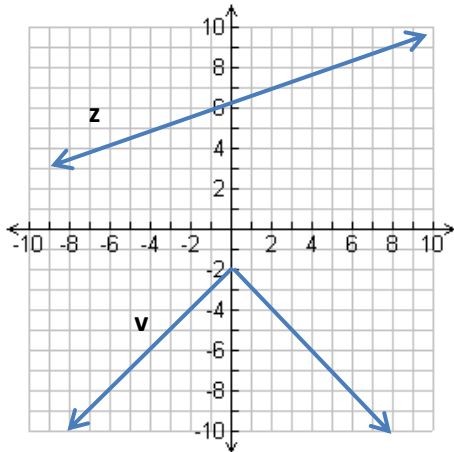


Use the graphs of m and n to answer the following questions.



- 2) Find $m(4)$
- 3) Find $n(-3)$
- 4) If $m(x) = 3$, find x .
- 5) If $n(x) = -3$, find x .
- 6) If $m(x) = 5.5$, find x .
- 7) Estimate $n(3)$.

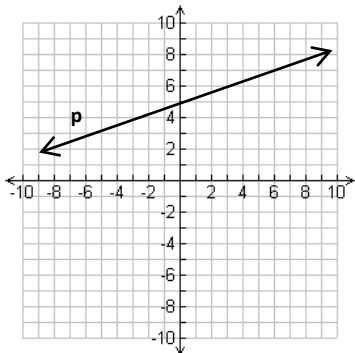
Use the graphs of w and z to answer the following questions



- 8) Find $z(2)$
- 9) Find $v(0)$
- 10) If $z(x) = 8$, find x .
- 11) If $v(x) = -4$, find x .
- 12) If $z(x) = 9$, find x .

Which has the greater value? $p(0)$ or $q(0)$?

$$q(x) = x^2 - 3x + 4$$



Which has the greater value? $h(-4)$ or $j(-4)$?

$$j(x) = -5 - 3x$$

