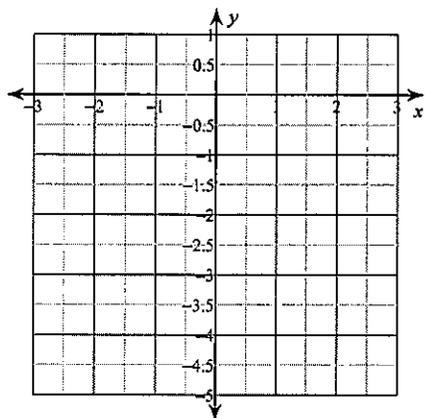


### Homework 37.3

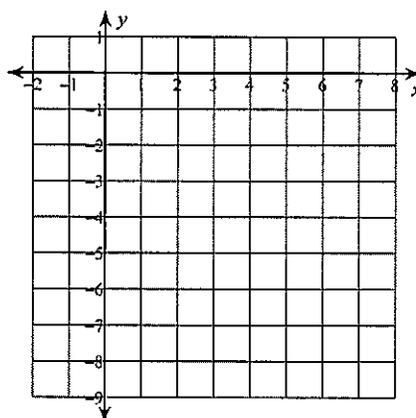
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Sketch the graph of each function.

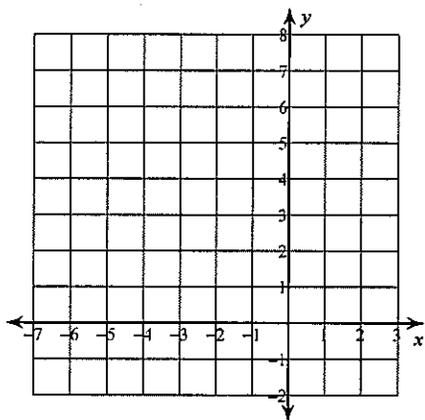
1)  $y = -x^2$



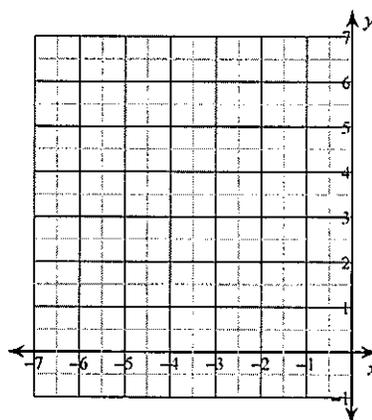
2)  $y = -2x^2$



3)  $y = 2x^2 + 12x + 17$

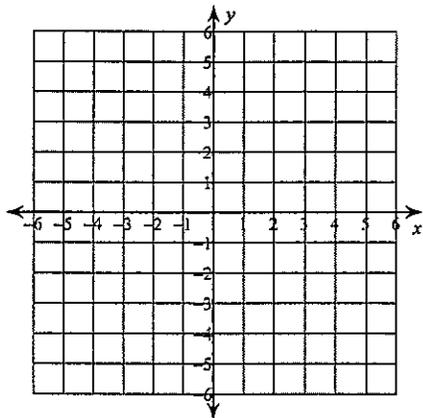


4)  $y = x^2 + 8x + 17$

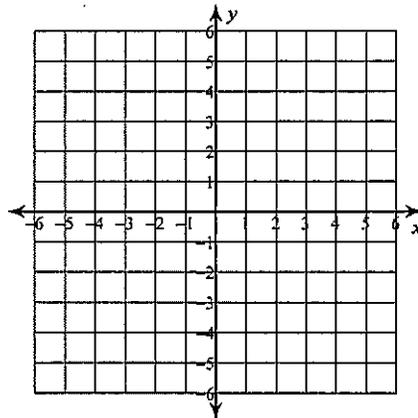


Sketch the graph of each line.

5)  $y = -\frac{3}{4}x - 5$



6)  $y = 7x + 5$



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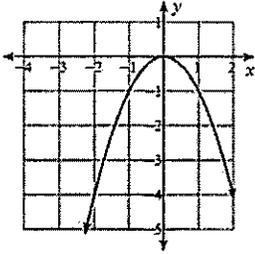
**Find all zeros.**

7.  $y = x^2 + 6x + 5$

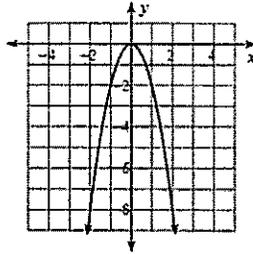
8.  $y = x^2 + 3x + 2$

### Answers to Homework 37.3

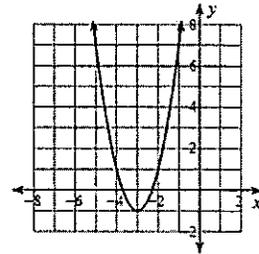
1)



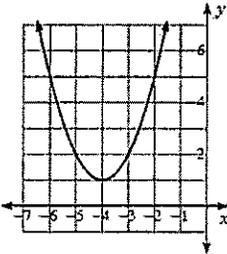
2)



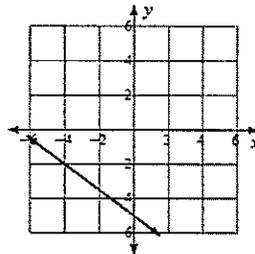
3)



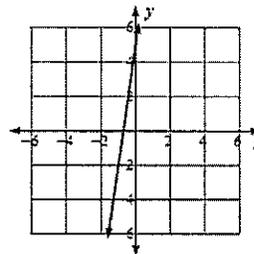
4)



5)



6)



7.  $\{-1, -5\}$

8.  $\{-1, -2\}$