

Name: \_\_\_\_\_

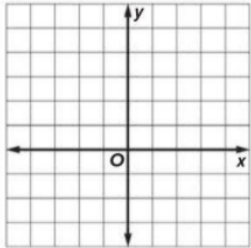
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HW # 20a: Algebra 1 - Standard 11 - Graph Linear Functions

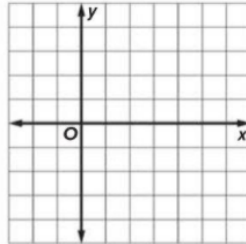
5 points

Graph each equation by using the x-and y-intercepts. Show work needed to justify your answer.

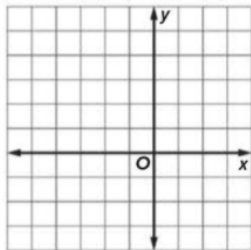
9.  $y = 4 + 2x$



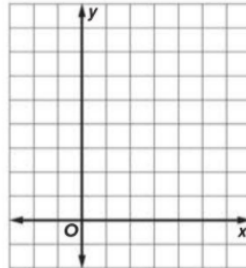
11.  $x = 5y + 5$



13.  $x - y = -3$



14.  $y = 8 - 6x$



15. **SCHOOL LUNCH** Amanda has \$210 in her school lunch account. She spends \$35 each week on school lunches. The equation  $y = 210 - 35x$  represents the total amount in Amanda's school lunch account  $y$  for  $x$  weeks of purchasing lunches.

- Find the x- and y-intercepts and interpret their meaning in the context of the situation.
- Graph the equation by using the intercepts.

