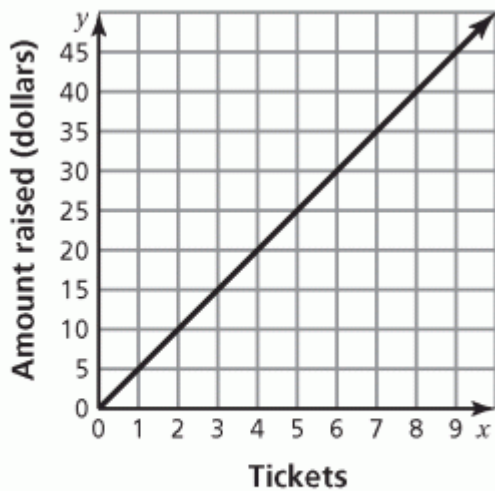


## Pg 162-163 #3-5, 7, 8, 11, 14

3. no; *Sample answer:* The graph of the equation does not pass through the origin.
4. yes;  $y = 4x$ ; *Sample answer:* The graph is a line through the origin.
5. yes;  $y = \frac{1}{3}x$ ; *Sample answer:* The rate of change in the table is constant.

7.



Each ticket costs \$5.

8. a.  $y = 9x$
- b. It costs \$9 per hour to rent a kayak.
- c. \$45
11. See *Taking Math Deeper*.
- 14.

