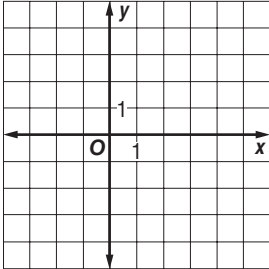


Lesson 5 Skills Practice

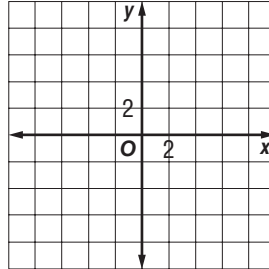
Graph a Line Using Intercepts

State the x - and y -intercepts of each function. Then graph the function.

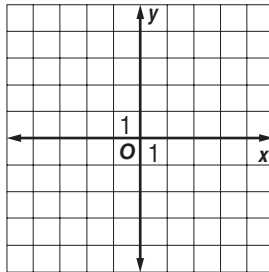
1. $3x - 5y = 15$



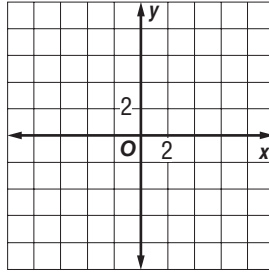
2. $-\frac{1}{2}x + 3y = -3$



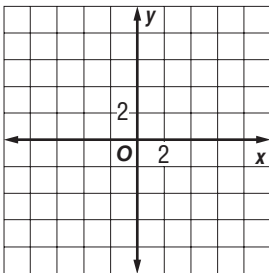
3. $4x - 6y = 12$



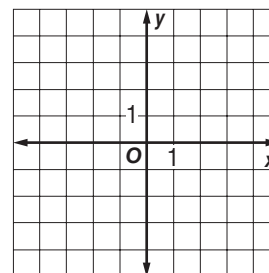
4. $7x + 3y = -21$



5. $\frac{2}{3}x - \frac{1}{3}y = 2$



6. $-x + y = -2$



7. **DRINKS** Ms. Purdy bought coffee and orange juice for her coworkers in her office. She bought x cups of coffee at \$2 per cup and y cups of orange juice at \$1.50 per cup. Altogether she spent \$30. This can be represented by the function $2x + 1.5y = 30$. Graph the function. Then interpret the x - and y -intercepts.

