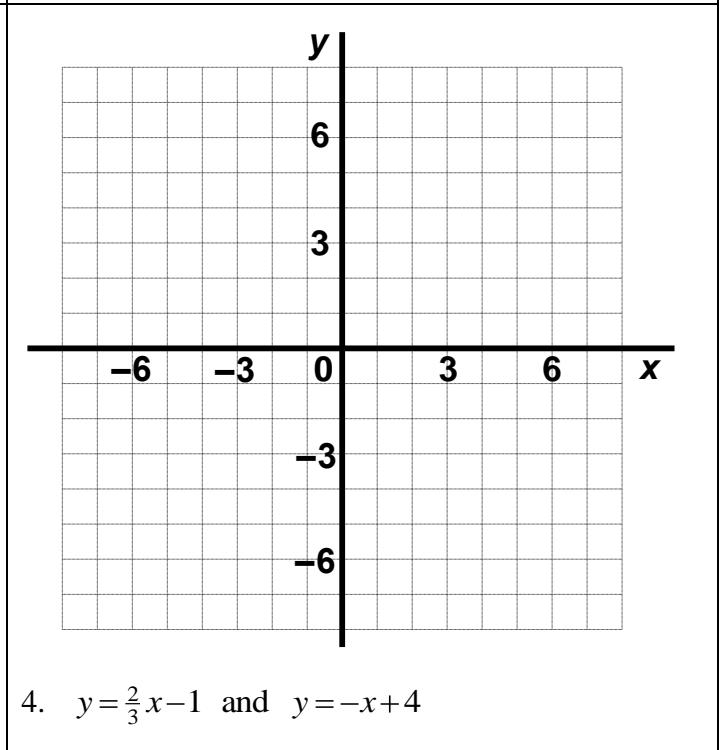
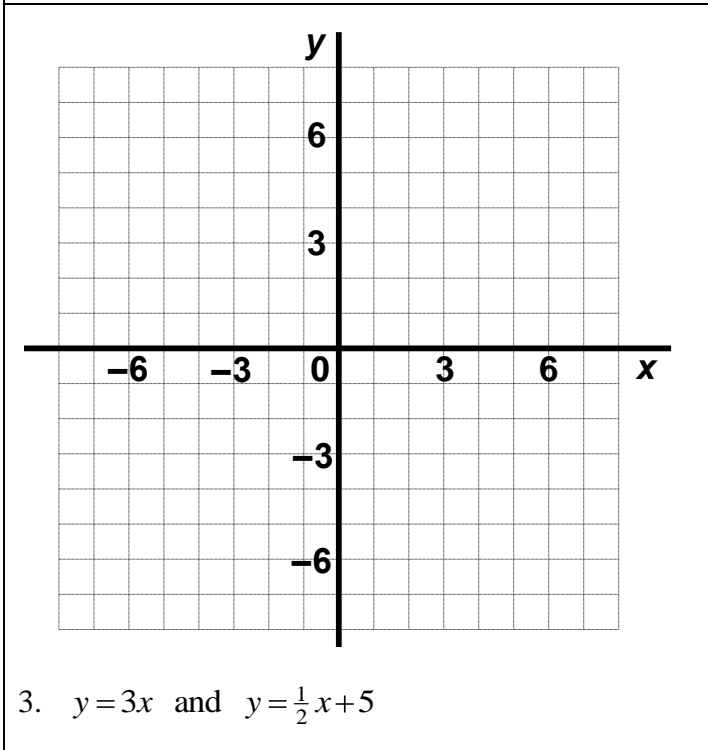
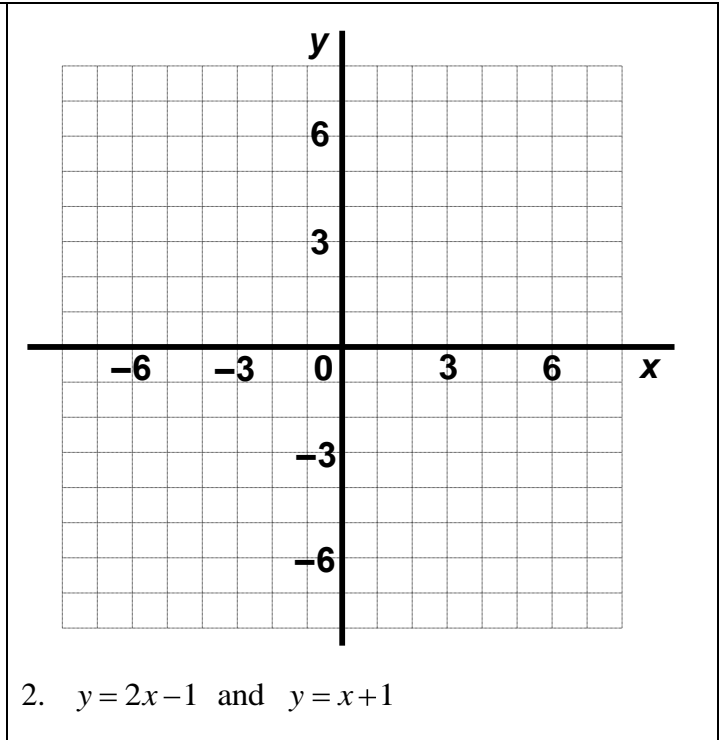
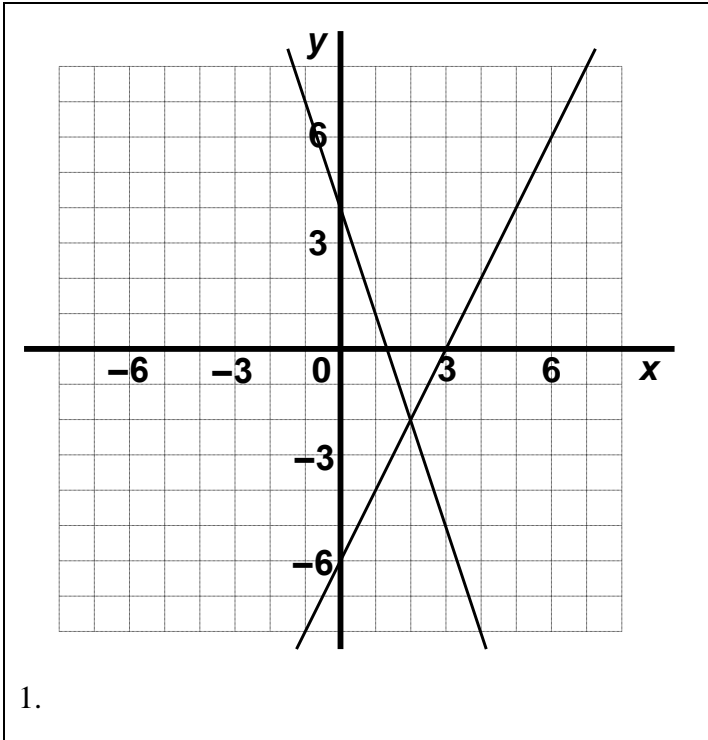
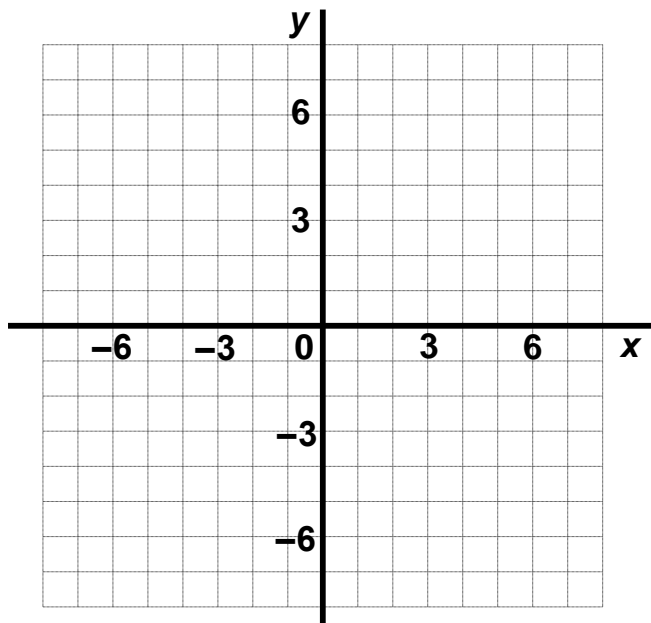
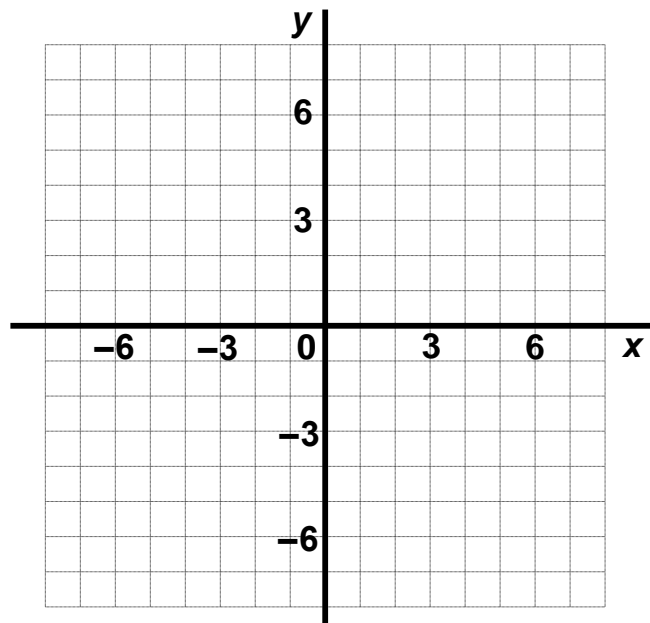


- **Graph #1** below shows the intersection of the lines  $y = 2x - 6$  and  $y = -3x + 4$ .
- Label each line in Graph #1 with its equation.
- In Graph #1 label the point of intersection with its coordinates.
- *For graphs #2–8, plot both given lines, then label each point of intersection with its coordinates.*

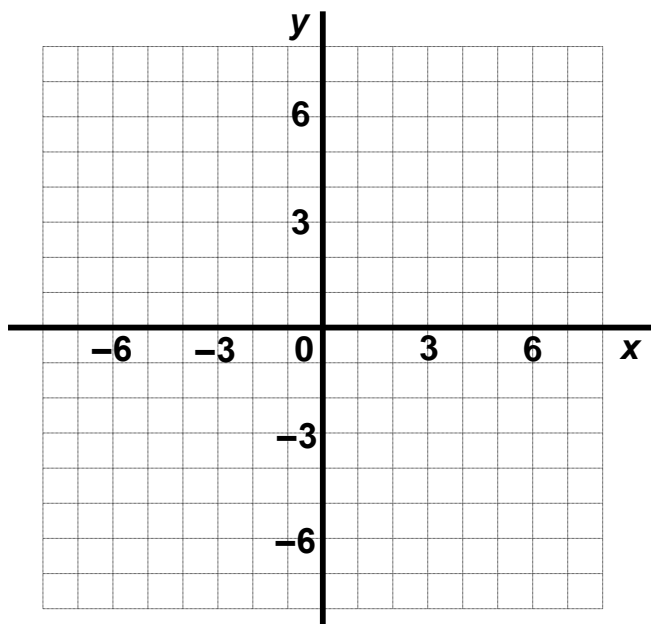




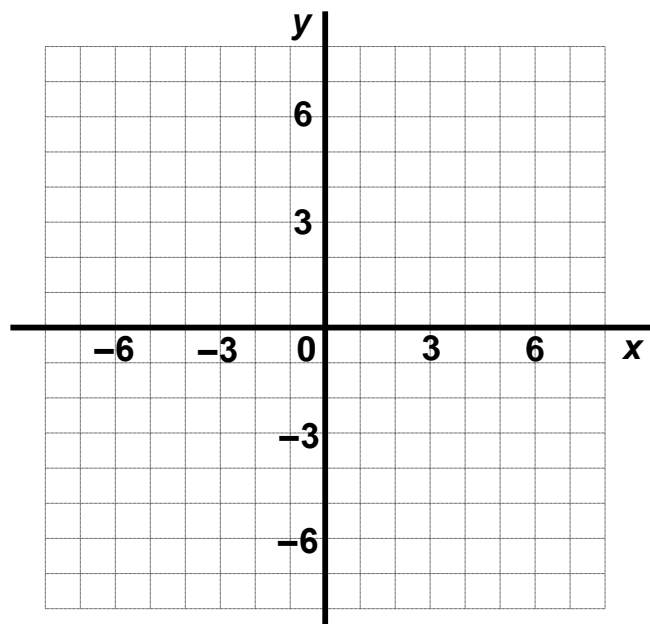
5.  $y = \frac{3}{4}x - 3$  and  $y = \frac{3}{2}x$



6.  $y = -\frac{1}{3}x - 1$  and  $y = -\frac{4}{3}x + 5$



7.  $y = \frac{1}{5}x + 6$  and  $y = -\frac{2}{5}x + 3$



8.  $y = -\frac{1}{2}x - 1$  and  $y = -\frac{7}{2}x + 8$

**Answers:**

- |            |           |           |             |
|------------|-----------|-----------|-------------|
| 1. (2,-2)  | 2. (2,3)  | 3. (2,6)  | 4. (3,1)    |
| 5. (-4,-6) | 6. (6,-3) | 7. (-5,5) | 8. (3,-2.5) |