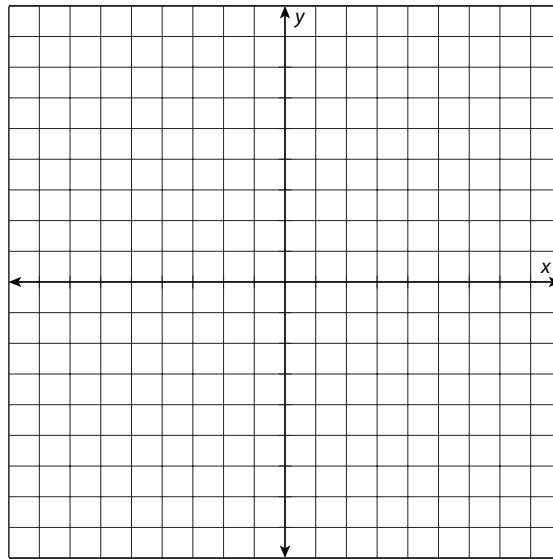


Scaffolded Practice: Intersecting Graphs

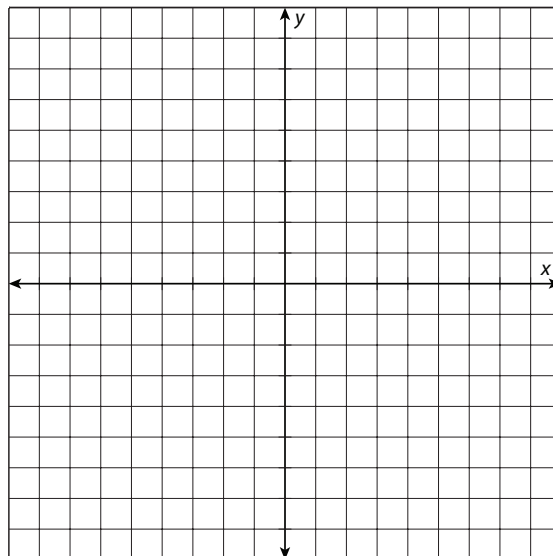
Use the given information to complete each of the following problems. You may use a calculator for problems 5–10. If necessary, round answers to 2 decimal places.

1. Graph the lines $x + 1 = y$ and $-x + 1 = y$ on the same coordinate plane.



2. At what point do these lines intersect?

3. Graph the lines $2x = y$ and $4x - 1 = y$ on the same coordinate plane.



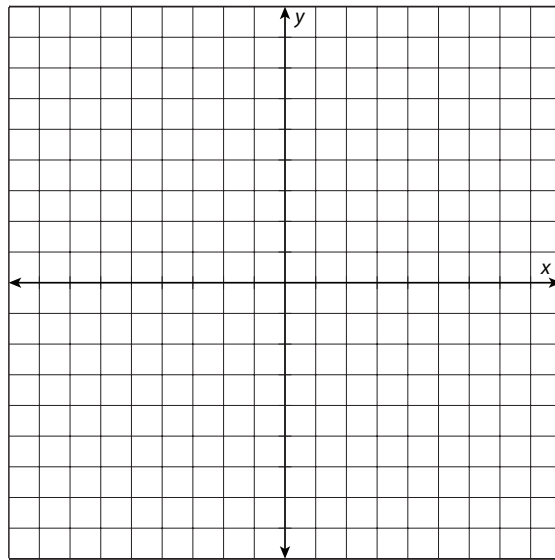
4. At what point do these lines intersect?

continued

Name: _____

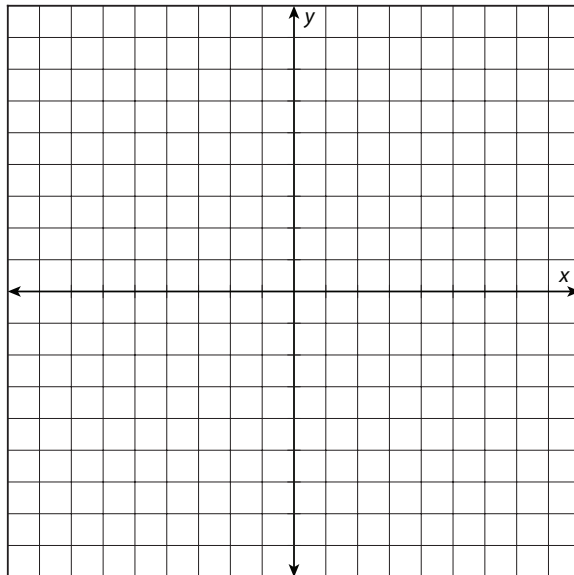
Date: _____

5. Graph the lines $-3x - 4 = 8y$ and $5x + 3 = y$ on the same coordinate plane.



6. At what point do these lines intersect?

7. Graph the equations $y = 2^x$ and $y = 3^x$ on the same coordinate plane.



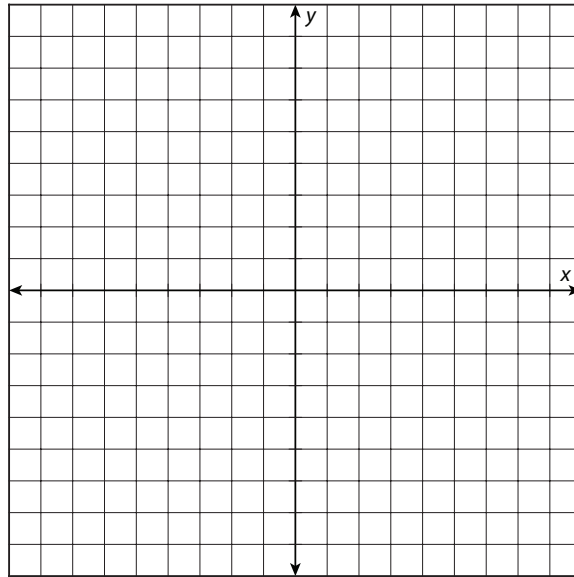
8. At what point do these lines intersect?

continued

Name: _____

Date: _____

9. Graph the equations $-2x + y = 2$ and $4^x = y$ on the same coordinate plane.



10. At what point do these lines intersect?