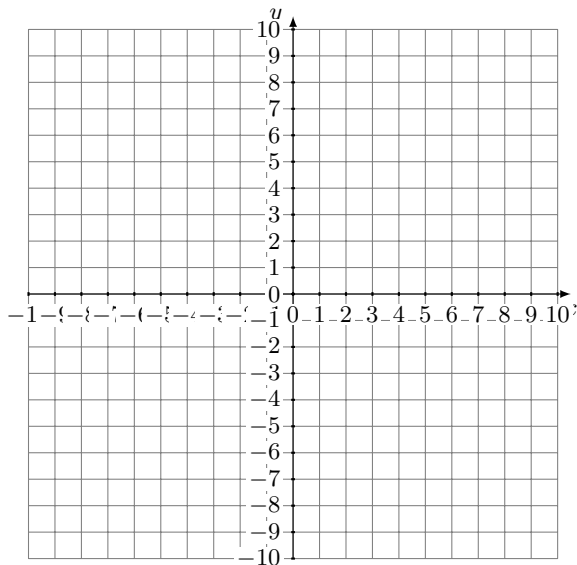# Feb 4 CW: Write equations using point-slope form
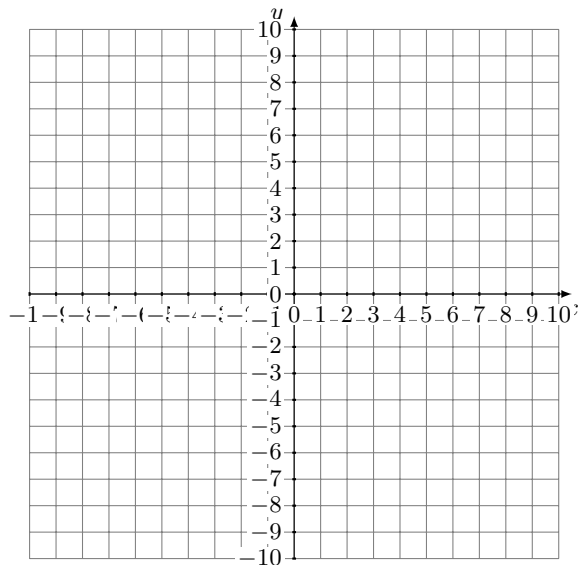
Answer the questions in the spaces provided on the question sheets. Be sure to **show your work to earn full credit.** You **MAY** use a calculator to help you. If you run out of room for an answer, raise your hand to ask for an extra piece of paper.

Name and period: _____

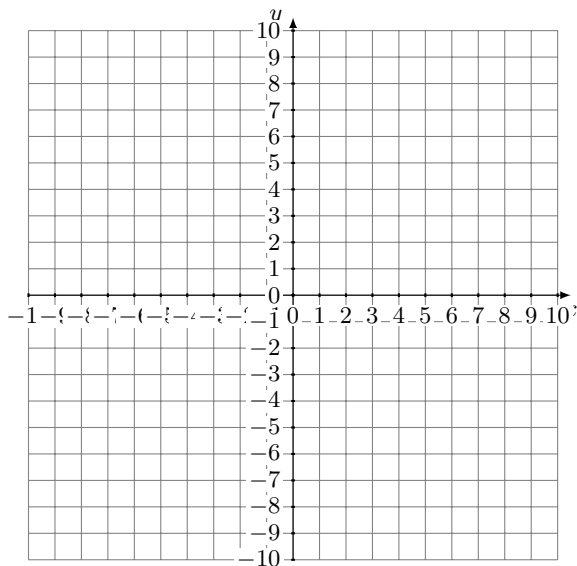1) Write an equation of the line through the points (0,8) and (-1,10).

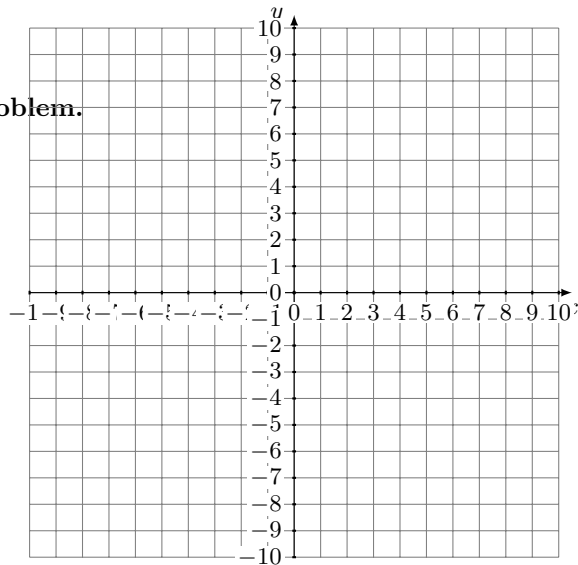3) Write an equation of the line through the points (5,7) and (-1,3).

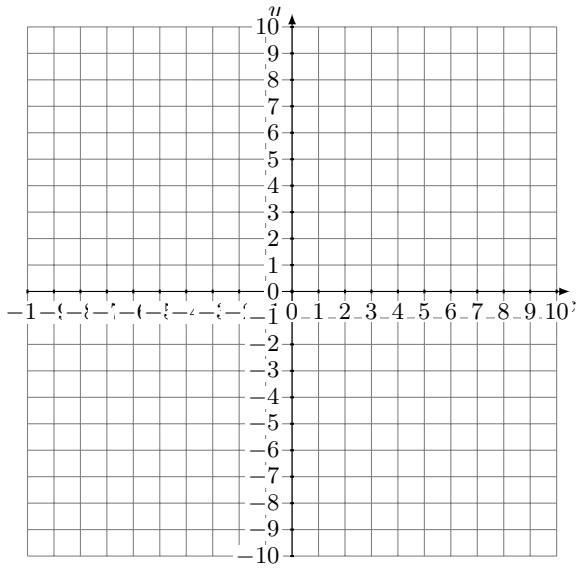4) Write an equation of the line through the points (0,9) and (2,0).

2) Write an equation of the line through the points (4,5) and (-3,8). **If you get stuck on this one, go on to the next problem.**
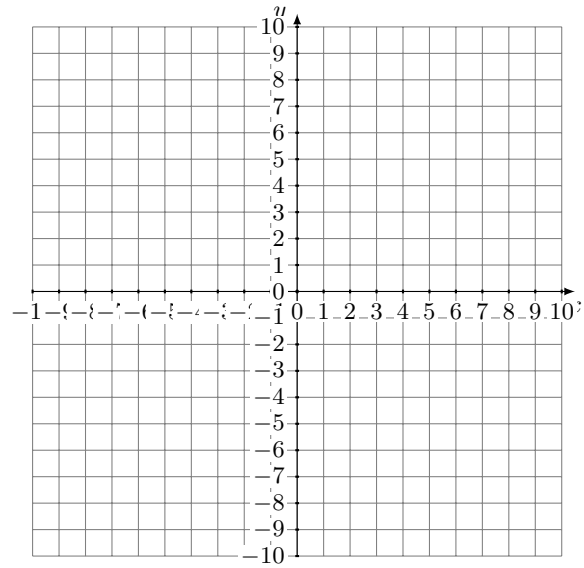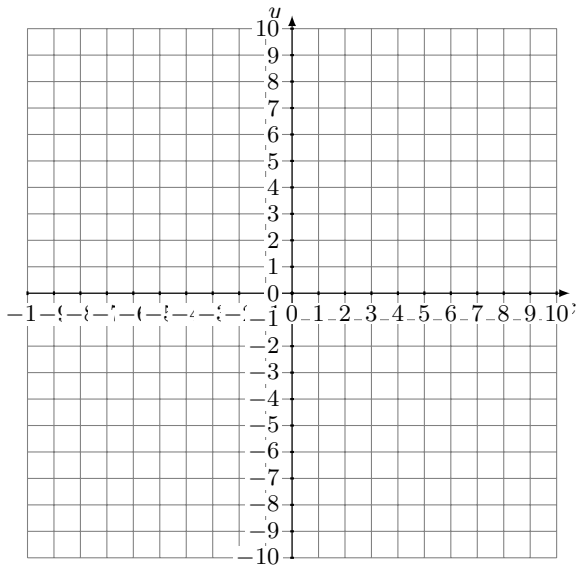
5) Write an equation of the line through the point (-3,-2) with slope $\frac{1}{4}$.

7) Write an equation of the line through the points (4,0) and (0,5).

6) Write an equation of the line through the points (-1,7) and (8,-2).

8) Write an equation of the line through the points $\left(-\frac{1}{2}, \frac{1}{2}\right)$ and $\left(\frac{1}{4}, \frac{3}{4}\right)$.