

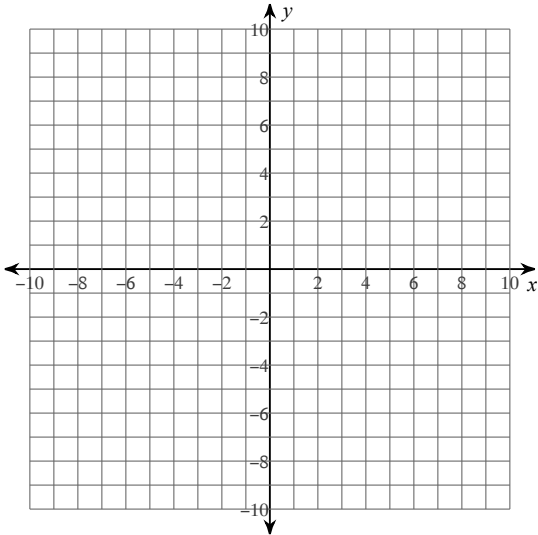
SYSTEMS: GRAPHING

Period _____

1. Solve each system by graphing.
2. State the solution.
3. State whether the solution is consistent or inconsistent

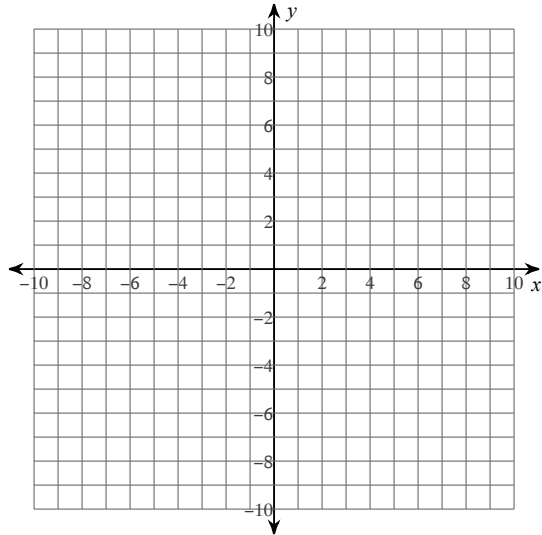
1) $y = \frac{2}{7}x + 9$

$y = -\frac{13}{7}x - 6$



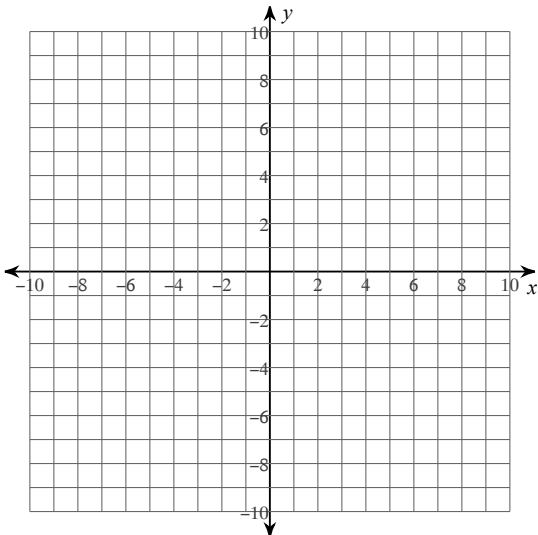
2) $y = -\frac{1}{2}x - 3$

$y = -\frac{5}{3}x + 4$



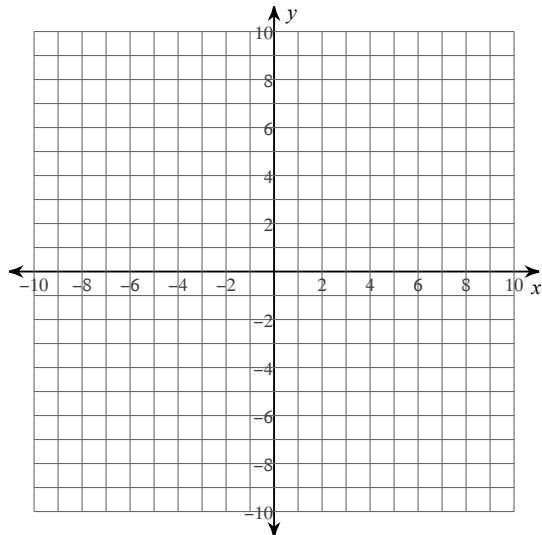
3) $y = -\frac{4}{3}x - 3$

$y = \frac{5}{3}x + 6$

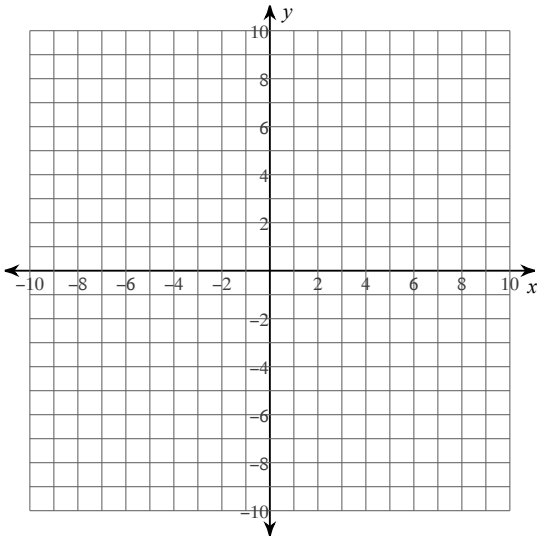


4) $y = \frac{1}{8}x + 5$

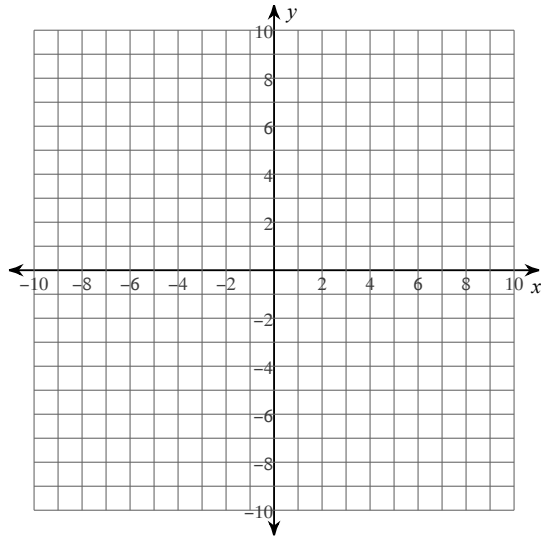
$y = \frac{11}{8}x - 5$



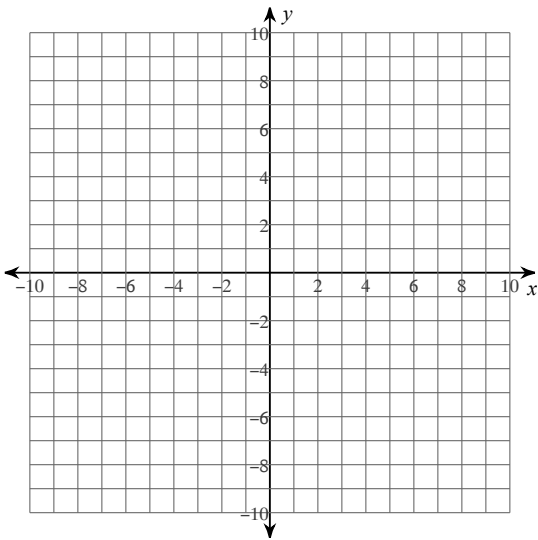
5) $y = x + 8$
 $y = -x + 4$



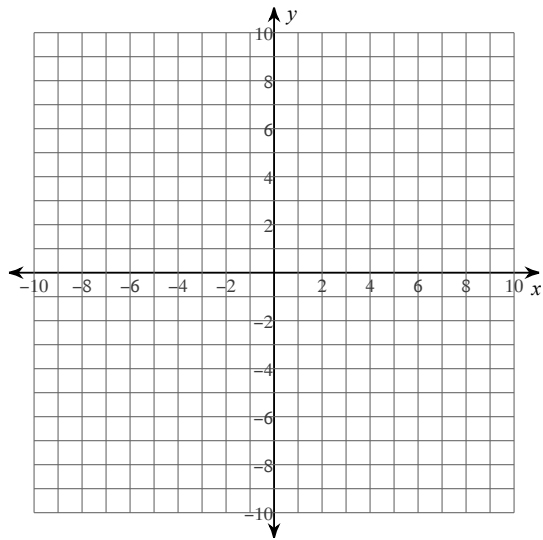
6) $y = \frac{3}{8}x - 3$
 $y = -\frac{3}{8}x - 9$



7) $y = \frac{5}{6}x + 7$
 $y = -\frac{5}{3}x - 8$

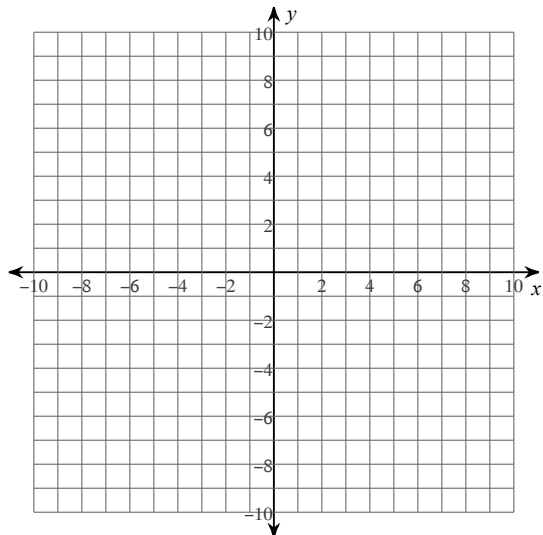


8) $y = -\frac{2}{5}x - 8$
 $y = \frac{1}{5}x - 5$



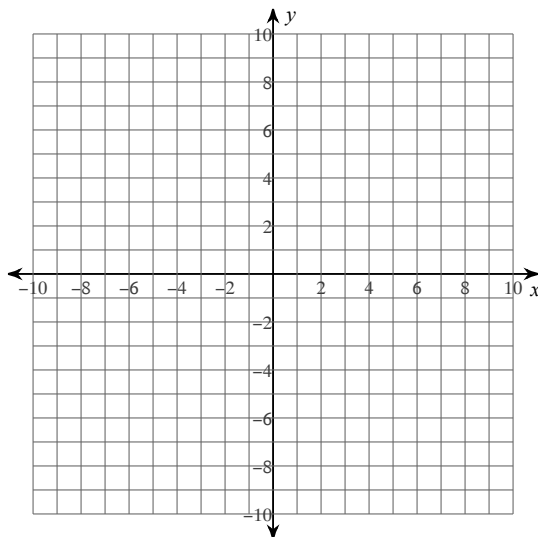
$$9) y = -\frac{1}{2}x + 5$$

$$y = -\frac{9}{2}x - 3$$



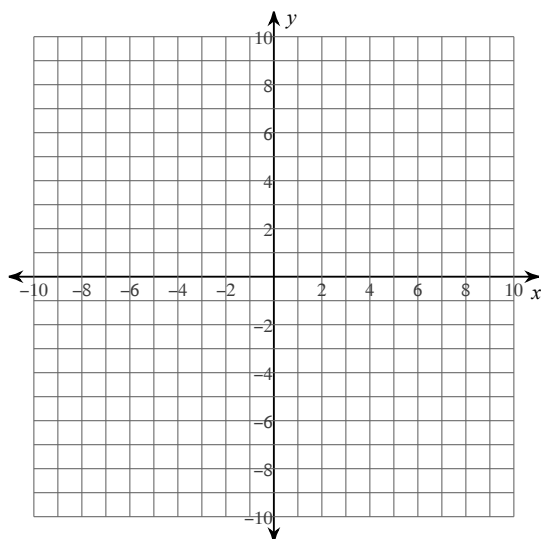
$$10) y = -\frac{5}{2}x + 9$$

$$y = x - 5$$



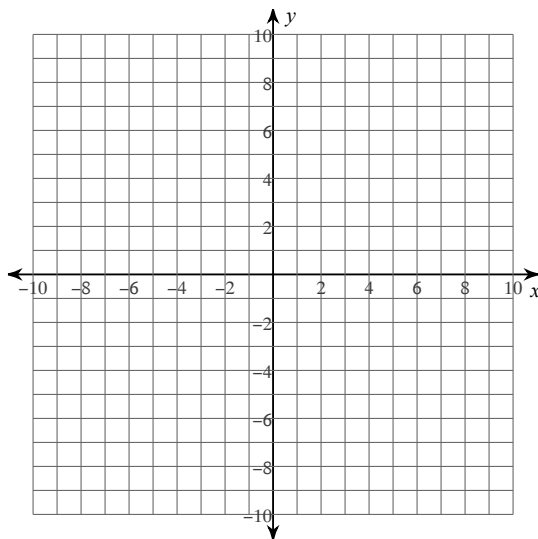
$$11) y = -\frac{7}{2}x - 5$$

$$y = -\frac{7}{2}x + 3$$



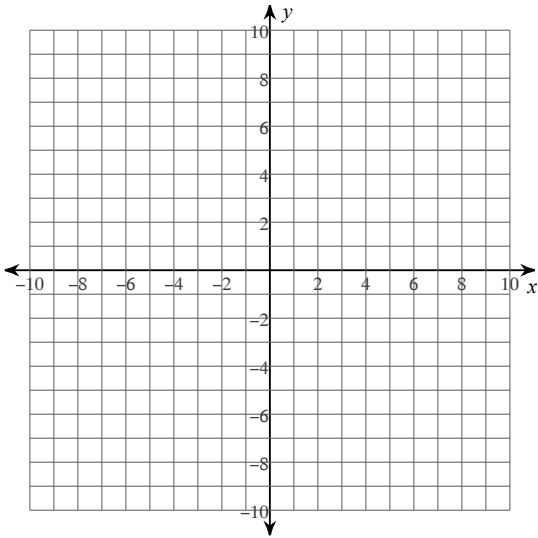
$$12) x = -8$$

$$y = \frac{5}{4}x + 5$$



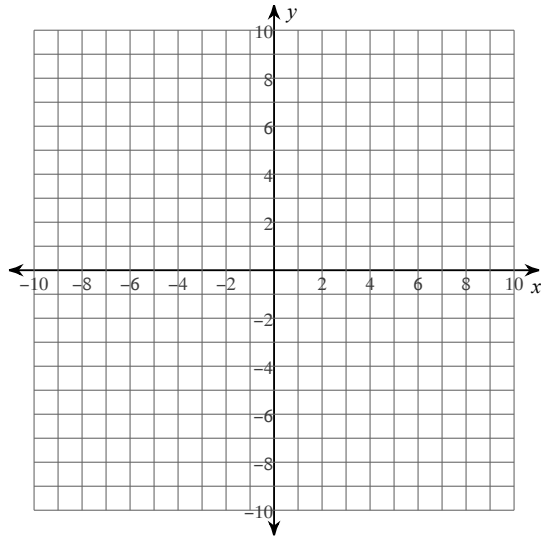
$$13) y = -\frac{4}{5}x - 4$$

$$y = -\frac{16}{5}x + 8$$



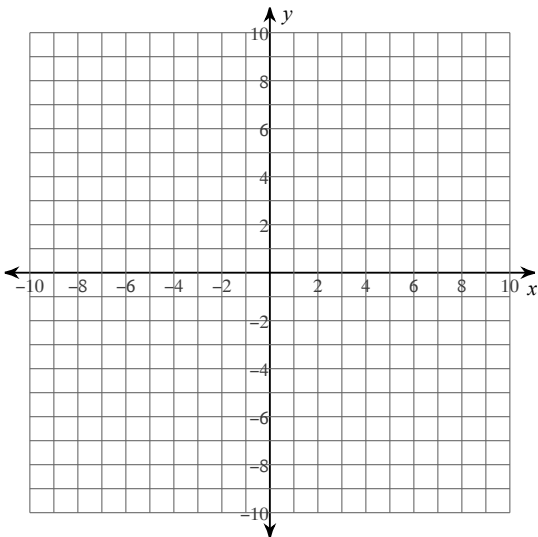
$$14) y = \frac{13}{5}x - 6$$

$$y = \frac{2}{5}x + 5$$



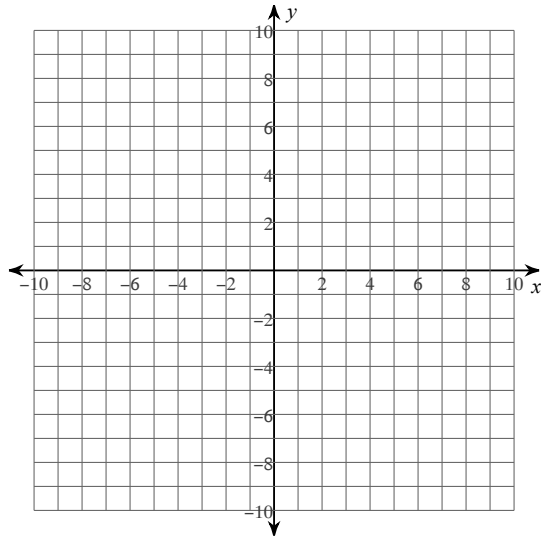
$$15) y = \frac{7}{6}x + 2$$

$$y = \frac{7}{6}x - 1$$



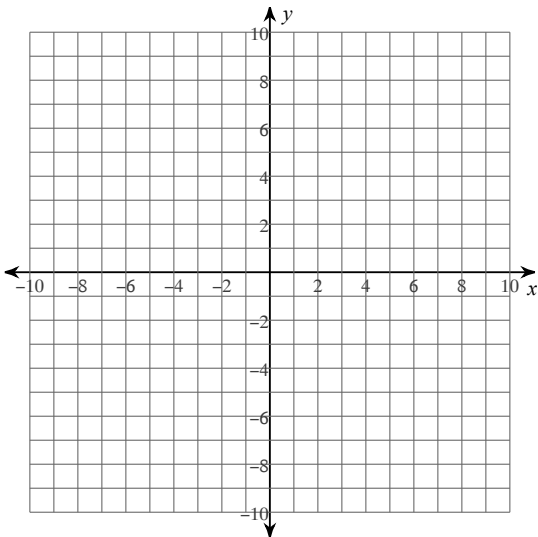
$$16) y = \frac{3}{2}x + 2$$

$$x = -6$$



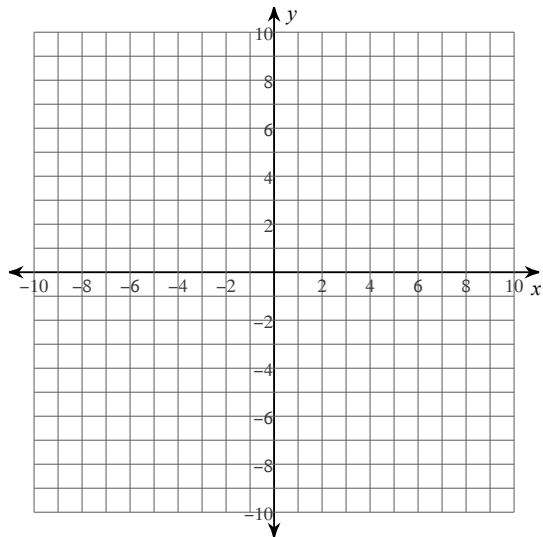
$$17) y = -\frac{1}{2}x + 2$$

$$y = -\frac{3}{2}x + 4$$



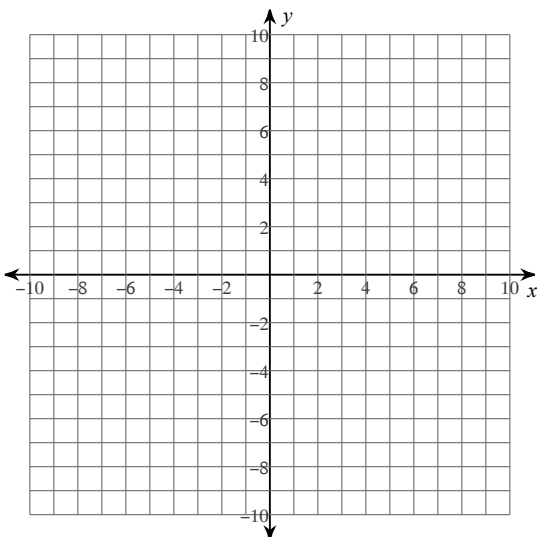
$$18) y = \frac{3}{2}x - 4$$

$$y = \frac{1}{8}x + 7$$



$$19) y = -\frac{8}{9}x - 1$$

$$y = \frac{1}{9}x + 8$$



$$20) y = \frac{4}{9}x + 2$$

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

