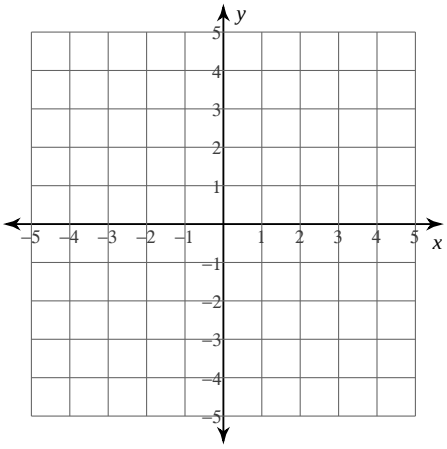
Math 4CST Name_____

Solving Systems by Graphing and Comparison

Solve each system by graphing and verify your answer by comparison.

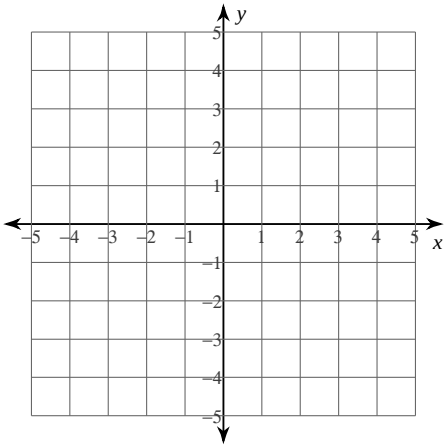
1) $y = \frac{1}{2}x + 3$

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



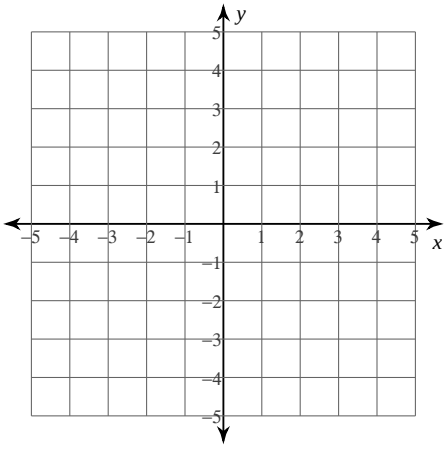
2) $y = -5x - 1$

$y = 4$



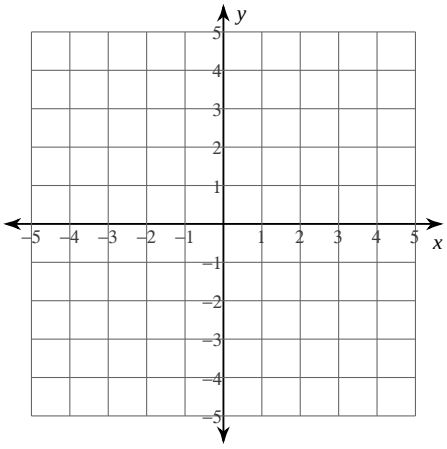
3) $y = x + 4$

$y = -4x - 1$



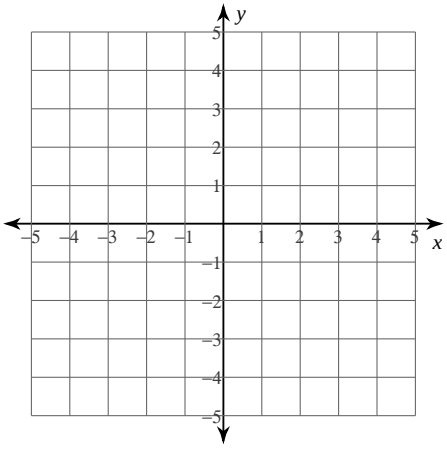
4) $y = -\frac{1}{2}x - 1$

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



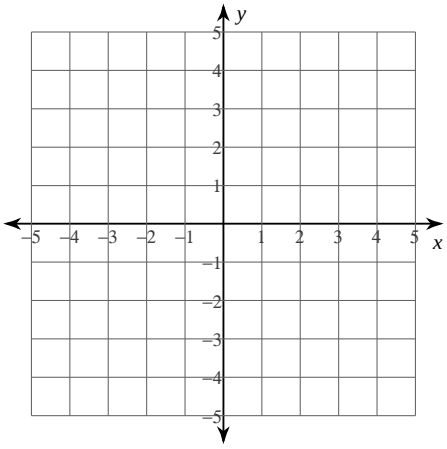
5) $y = \frac{4}{3}x - 1$

$y = -\frac{1}{3}x + 4$



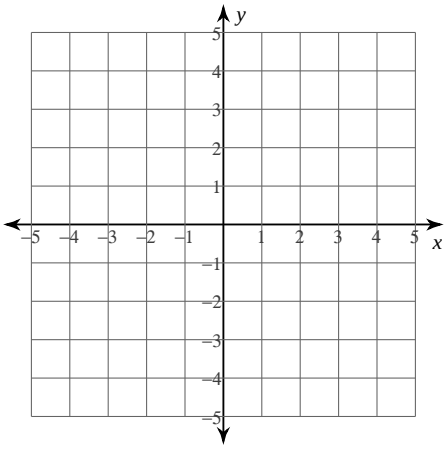
6) $y = -\frac{1}{2}x + 1$

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



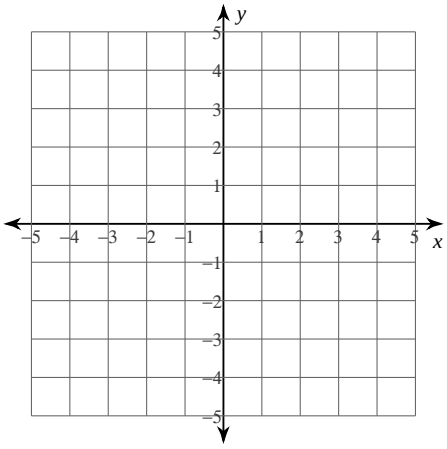
7) $y = -4x - 3$

$y = 3x + 4$



8) $y = -\frac{1}{2}x - 4$

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



Answers to Solving Systems by Graphing and Comparison (ID: 1)

1) $(-4, 1)$
2) $(-1, 4)$
3) $(-1, 3)$
4) $(2, -2)$
5) $(3, 3)$
6) No solution
7) $(-1, 1)$
8) $(-4, -2)$