

Homework

p.156: 9-11, 19-20, 31

GRAPH AND CHECK Graph the linear system and estimate the solution. Then check the solution algebraically.

9. $y = -3x - 2$
 $5x + 2y = -2$

10. $y = -3x - 13$
 $-x - 2y = -4$

11. $x - 7y = 6$
 $-3x + 21y = -18$

SOLVE AND CLASSIFY Solve the system. Then classify the system as *consistent and independent*, *consistent and dependent*, or *inconsistent*.

19. $y = 3x + 2$
 $y = 3x - 2$

20. $y = 2x - 1$
 $-6x + 3y = -3$

GRAPH AND CHECK Graph the system and estimate the solution(s). Then check the solution(s) algebraically.

31. $y = |x + 2|$
 $y = x$