

page 75 #3-45 (mult. of 3) answers

3. no

6. no

9. yes,  $k = 12$

12. no

15. yes,  $k = 6$

18.  $k = \frac{-5}{3}; y = \frac{25}{3}$

21.  $k = \frac{17}{-4}; y = \frac{85}{4}$

24.  $x = -3$

27.  $x = \frac{5}{3}$

30. no

33.  $y = 2x$

36.  $y = -500x$

39.  $y = \frac{2}{7}x$

42.  $x = 6$

45.  $y = 1.2$