

Homework

p. 442: 3, 5, 7, 10, 16, 17, 19

INVERSE RELATIONS Find an equation for the inverse relation.

3. $y = 4x - 1$

5. $y = 7x - 6$

(7.) $y = 12x + 7$

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

VERIFYING INVERSE FUNCTIONS Verify that f and g are inverse functions.

16. $f(x) = 2x + 3, g(x) = \frac{1}{2}x - \frac{3}{2}$

17. $f(x) = \frac{1}{4}x^3, g(x) = (4x)^{1/3}$

19. $f(x) = 4x + 9, g(x) = \frac{1}{4}x - \frac{9}{4}$