



Multiplying and Dividing Functions

 Perform the indicated operation.

1) $g(x) = x + 6$

$$f(x) = x + 4$$

Find $(g \cdot f)(2)$

3) $g(a) = a + 5$

$$h(a) = 2a - 4$$

Find $(g \cdot h)(4)$

5) $f(a) = a^2 - 2$

$$g(a) = -4 + 3a$$

Find $(\frac{f}{g})(2)$

7) $g(t) = t^2 + 6$

$$h(t) = 2t - 3$$

Find $(g \cdot h)(-3)$

9) $g(a) = 2a^2 - 5a + 1$

$$f(a) = 2a^3 - 6$$

Find $(\frac{g}{f})(4)$

2) $f(x) = 3x$

$$h(x) = -x + 5$$

Find $(f \cdot h)(-2)$

4) $f(x) = 3x + 2$

$$h(x) = 2x - 3$$

Find $(\frac{f}{h})(2)$

6) $g(a) = 4a + 6$

$$f(a) = 2a - 8$$

Find $(\frac{g}{f})(3)$

8) $g(x) = x^2 + 3x + 4$

$$h(x) = 2x + 6$$

Find $(g \cdot h)(2)$

10) $g(x) = -3x^2 + 4 - 2x$

$$f(x) = x^2 - 5$$

Find $(g \cdot f)(3)$
