

17.2 – Multiplying & Dividing Functions1. Let $f(x) = 2x - 2$ and $g(x) = x$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

2. Let $f(x) = 3x$ and $g(x) = 2x + 4$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

3. Let $f(x) = 3x + 4$ and $g(x) = 5x$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

4. Let $f(x) = 2x^2$ and $g(x) = x + 4$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

5. Let $f(x) = 4x - 5$ and $g(x) = 6x$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

6. Let $f(x) = x^2 + 4$ and $g(x) = 4x$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

7. Let $f(x) = x^2 + 5$ and $g(x) = 2x$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$

8. Let $f(x) = x^2$ and $g(x) = 4x + 5$.

a. $(f \cdot g)(x) =$

b. $\left(\frac{f}{g}\right)(x) =$