Given $f(x) = \dfrac{2}{x+4}$ and $g(x) = x^2 - 2$, find each function.

1. $(f+g)(x)$

2. $(f-g)(x)$

3. $(f \bullet g)(x)$

4. $\left(\dfrac{f}{g}\right)(x)$

Find $(f \circ g)(x)$ and $(g \circ f)(x)$.

5. $f(x) = \frac{1}{3}x + 5$

$g(x) = x - 3$

6. $f(x) = 2x^3 - 3x^2 + 1$

$g(x) = 3x$

Find $(f \circ g)(x)$ and $(g \circ f)(x)$.

7. $f(x) = 2x^2 - 5x + 1$
$g(x) = 2x - 3$

8. $f(x) = 3x^2 - 2x + 5$
$g(x) = 2x - 1$

Given $f(x) = |3x - 4| + 5$, find each value.

13. $f\left(\frac{1}{3}\right)$

14. $f(.5)$

15. $f(-0.5)$

16. $f(5d)$