

Name: _____

Date: _____

Algebra
Chapter 1.6

Consider the following two functions:

$$f(x) = \frac{4}{x^2}; \quad g(x) = 3 - 2x$$

Find:

1) $(f + g)(x)$ and its domain

2) $(f - g)(x)$ and its domain

3) $fg(x)$ and its domain

4) $(f/g)(x)$ and its domain

SEE BACK SIDE FOR 2 MORE QUESTIONS

5) $(f \circ g)(x)$ and its domain

6) $(g \circ f)(x)$ and its domain