

## Unit 13 Review

- 1) Consider the real-valued functions  $f(x) = 2x^2 - 4$  and  $g(x) = 2x + 1$ .
- What are the domain and the range of each function? **Explain how you found your answers.**
  - Find  $f(g(x))$ . Show your algebraic work and explain how you found your answer.
  - What are the domain and range of  $f(g(x))$ ? Show your algebraic work and explain how you found your answers.