**2C Composite Functions**

1. Given:

f(x) = x2 g(x) = x + 1

Find:

1. fg(x)
2. gf(x)
3. Given:

f(x) = 3x + 2 g(x) = x2 + 4

Find:

1. fg(x)
2. gf(x)
3. f2(x)
4. The values of b so that fg(b) = 62
5. The functions and are defined by:
6. Find
7. Solve