Quiz Two Key

Version #2

1. C

2. E

3. A

4. A

5. E

6. D

7. D

8. $(8.44 \times 10^{-3}/3.0L)^2 = 7.9 \times 10^{-6}$

The amount of solid doesn't matter as long as there is enough to reach equilibrium.

9. 8.9

10.

a. No effect. Pure solids and liquids have constant concentration, regardless of total amount.

b. By a shift in the exothermic direction, the "disturbance" is reduced. More A will form.

c. More A will form, since this will decrease the amount of gas present and thus reduce the effect of the disturbance.

d. No effect. Helium does not participate in the reaction, and the added helium will not change the partial pressure of C.