These are alleged answers. For each error herein, you get extra-credit points for being the first to report it by e-mail.

1. (a) \((8, +\infty)\)
   (b) \([-3, 10]\)
   (c) \([10, 25]\)

2. \(|7 - 7| = |7 - 7| = |0| = 0\)

3. \(|-3 - (-3)| = |3 + 3| = |6| = 6\)

4. \((-64)^{-2/3} = \frac{1}{(-64)^{2/3}} = \frac{1}{[(-64)^{1/3}]^2} = \frac{1}{(-4)^2} = \frac{1}{16}\)