Math 141 – Spring 2004   ____   NAME: _____
quiz # 7   15
sections 7.1 - 7.4   Seat: _____
Partial credit is based on work shown!
Do not use a calculator on this quiz!
2pts
1. a. Write 0.521 as a fraction.   b. Write 0.521521521… as a fraction.

3pts   2pts
2. **Estimate** using <u>compatible numbers</u>. 3. **Calculate mentally** using <u>equal additions method</u>.
   Show your steps.   Show your steps.
        148% of 59   29.51
                                            − 7.93

5pts
4. <u>Tell whether each would be a</u> <u>terminating decimal</u> (without dividing to change the following
   fractions to decimals), and then explain how you can determine this.

   a. $\dfrac{4}{56}$ _____   b. $\dfrac{21}{56}$ _____
   Explanation, (using the theorems from section 7.1 & 7.2):

3pts
5. A recipe for peach cobbler calls for seven small peaches for 4 servings. If a large quantity is to be
   prepared to serve 10 people, about how many peaches would be needed? _____
   Solve using a proportion and show your work.