Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**A**

Photospot can store 1 million photos on each of its mega-servers. If they want to store 3.2 billion photos, how many mega-servers would they need?

Justify your solution with numbers, pictures, and/or words.

**A**

This is a student recording sheet for a problem in Extending Children’s Mathematics: Fractions and Decimals page 152. “Multiplication and Measurement Division problems with larger numbers can engage students in the upper grades in thinking about base-ten number concepts beyond two-digit numbers. Rather than 10 in each group, these problems have other positive powers of 10 (e.g. 100, 1,000, 10,000…) in each group.” (page 152)

For examples of how students may solve this problem, see Chapter 7.