

**Activity 9.13 WHERE DOES THE DECIMAL GO? DIVISION**

Provide a quotient such as $146 \div 7 = 20,857$ correct to five digits but without the decimal point. The task is to use only this information and estimation to give a fairly precise answer to each of the following:

$$146 \div 0.7 \quad 1.46 \div 7 \quad 14.6 \div 0.7 \quad 1460 \div 70$$

For each computation, students should write a rationale for their answer and then check their results with a calculator. As noted in the section on multiplication on page 160, ELLs may apply a different mental strategy, and it is important to value alternative approaches. Again, engage students in explicit discussions of common errors or misconceptions and how to fix them.

From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 6 – 8 (2nd Ed.)*. Toronto: Pearson Education, Inc. (p. 162).