

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Luke believes that when you divide you always get a quotient with a smaller number. He uses the equations below to prove his thinking.

$$20 \div 10 = 2$$

$$8 \div 4 = 2$$

$$12 \div 4 = 3$$

$$30 \div 6 = 5$$

Do you agree with Luke? Use pictures, numbers, or words to prove your thinking.

Big Idea #10: Reasoning about division • Task 10A

Retrieved from the companion website for *Mine The Gap for Mathematical Understanding: Common Holes and Misconceptions and What to Do About Them, Grades 3-5* by John SanGiovanni. Thousand Oaks, CA: Corwin, [www.corwin.com](http://www.corwin.com). Copyright © 2017 by Corwin. All rights reserved. Reproduction authorized only for the local school site or nonprofit organization that has purchased this book.