

6.NS Factors and Common Factors

Alignments to Content Standards: 6.NS.B.4

Task

- a. List all the factors of 48.
- b. List all the factors of 64.
- c. What are the common factors of 48 and 64?
- d. What is the greatest common factor of 48 and 64?

IM Commentary

This problem uses the same numbers and asks essentially the same mathematical questions as "6.NS Bake Sale," but that task requires students to apply the concepts of factors and common factors in a context.

[Edit this solution](#)

Solution

- a. 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
- b. 1, 2, 4, 8, 16, 32, 64
- c. 1, 2, 4, 8, 16

d. 16



6.NS Factors and Common Factors

Typeset May 4, 2016 at 18:51:32. Licensed by Illustrative Mathematics under a
Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License .