7.NS Distributive Property of Multiplication

Task

Lucia uses the picture below to explain the distributive property for the expression $(3+1) \times (5+1)$:

a. Find $(3+1) \times (5+1)$ using the distributive property.

b. Explain how Lucia's picture relates to your calculation in (a).

c. How can Lucia use a picture to find $(3-1) \times (5-1)$ using the distributive property? Explain.

7.NS Distributive Property of Multiplication
Typeset May 4, 2016 at 23:32:00. Licensed by Illustrative Mathematics under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License .