SS4.2

Activity 16.10 RECTANGLE COMPARISON—SQUARE UNITS

Students are given a worksheet showing a pair of rectangles that are the same or very close in area (see Blackline Master 49). They are also given a physical model of a single square unit and a ruler that measures the appropriate unit. The students are not permitted to cut out the rectangles, but they may draw on them if they wish. The task is to use their rulers to determine, in any way that they can, which rectangle is larger or whether they are the same. They should use words, pictures, and numbers to explain their conclusions. Some suggested pairs are as follows:

BLM

4×10 and 5×8 5×10 and 7×7 4×6 and 5×5

Some students with disabilities may need to have modified worksheets of the figures on grid paper that matches the square units to be used.

From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 3 – 5 (2nd Ed.)*. Toronto: Pearson Education, Inc. (p. 327).