

 Activity 16.12 FIXED AREAS

Provide students with 1-cm grid paper. The task is to see how many rectangles can be made with an area of 36 squared cm—that is, to make filled-in rectangles, not just borders. Each new rectangle should be recorded by sketching the outline and the dimensions on grid paper. For each rectangle, students should determine and record the perimeter measurement inside the figure (because the figures will be cut out). (See the “Fixed Areas” Expanded Lesson.)

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. 328).