

**Activity 14.11 FIXED AREAS**

Using the same context, explain to students that when you bought your rabbit, you were told that the best space for outdoor exercise is 36 square feet. You need to buy the wire fence and are wondering how much to buy, but you haven't yet decided on a shape for the rectangle. Provide students with 1-cm grid paper. Ask them to design several options for you and for each one tell you the area and the perimeter (fence) needed.

From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 6 – 8 (2nd Ed.)*. Toronto: Pearson Education, Inc. (p. 311).