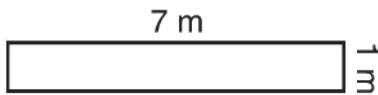


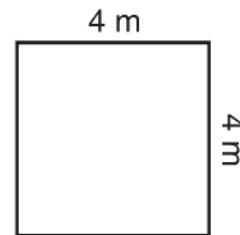
LESSON
6•8**Area and Perimeter**

In the spring, the Garden Club will plant a garden. Each child will have one square meter of dirt to plant. There are 16 children in the club, so the area of the garden has to equal 16 square meters. The children drew the shapes below for the garden.

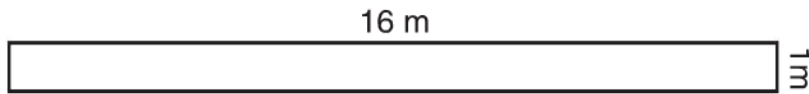
1. Circle the shapes that have areas of 16 square meters. Cross out the shapes that do not have areas of 16 square meters. Show how you found the areas.

a.

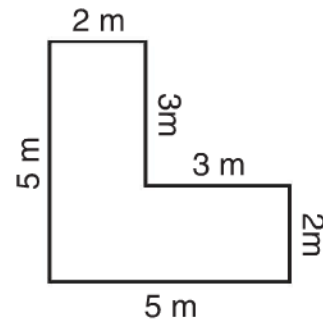
Area = _____ square meters

b.

Area = _____ square meters

c.

Area = _____ square meters

d.

Area = _____ square meters

2. The club wants to build a fence around their garden, but they don't want to spend a lot of money. They need to find a shape that has an area of 16 square meters and the shortest perimeter.

Which of the above shapes has an area of 16 square meters and the shortest perimeter? _____

How did you find the perimeter for this shape? _____
