## Functions and Graphs

 $The \ purpose \ of \ these \ activities \ is \ to \ better \ understand \ functions \ and \ their \ graphs.$ 

Every square has both a perimeter p and an area A. In other words, there is a relationship between the set of perimeters of squares and the set of areas of squares. Is this relationship a function?

**Exercise 1** If p = 20, then  $A = \boxed{25}$ 

Learning outcomes: