Activity 17 — Perimeter and Area of a Square

Objectives

This activity is designed to help students discover the following concepts:

✔ *The perimeter of a square increases by 4 as the side length increases by 1.*

✔ *Area of a square is always a perfect square number.*

Vocabulary

square	perimeter
area	perfect square numbers

Answers

19. The perimeter increases by 4 as the side length increases by 1.

20. 1, 4, 9, 16, 25, 36.

21. The numbers are the same.

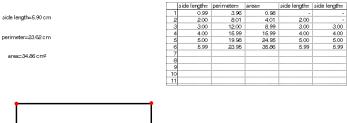22. The area of a square is where perfect square numbers come from.

Figure A.14