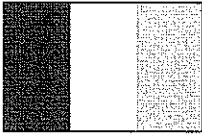


CHAPTER 8 Project
8 High Fliers continued

Activity 2: Flag Sizes Use with Lesson 8-3

The area and the height for a country's flag are given below. Find the width (or length) of the flag.

1. France



Area = $x^2 + 75x + 1250$

Height = $x + 25$

5. Germany



Area = $x^2 + 30x + 125$

Height = $x + 5$

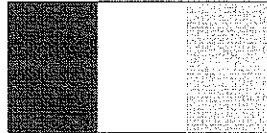
2. Switzerland



Area = $x^2 + 80x + 160$

Height = $x + 40$

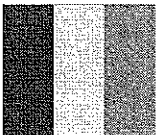
6. Ireland



Area = $x^2 + 130x + 1725$

Height = $x + 15$

3. Belgium



Area = $x^2 + 180x + 8000$

Height = $x + 80$

7. Monaco



Area = $x^2 + 54x + 704$

Height = $x + 22$

4. Estonia



Area = $x^2 + 60x + 500$

Height = $x + 10$

8. Micronesia



Area = $x^2 + 100x + 2100$

Height = $x + 30$

9. Are any of the flags above square? Explain how you know.