

Relating Perimeter and Area

Teacher Activity

1a. If the perimeter of a square is doubled, what happens to the area of the square?

b. If the perimeter of a square is tripled, what happens to the area of the square?

2. Now consider an equilateral triangle.

a. If the perimeter of an equilateral triangle is doubled, what happens to the area of the triangle?

b. If the perimeter of an equilateral triangle is tripled, what happens to the area of the triangle?