



5) Is there a formula that relates side length and the area of the square? What is it?

**Follow-up Questions:** Complete each of the following. Show your work.

1. If a square has side length 50, what is the perimeter?

2. If a square has perimeter 248, what is the side length?

3. If a square has side length 43, what is the area?

4. If a square has area 6084, what is the side length?

5. If a square has perimeter 388, what is the area?

6. If a square has area 6400, what is the perimeter?

**Video Lesson:**

-Check out Mr. Stewart's YouTube channel for a follow-up video on "Linear vs Quadratic Relationships". The link to the video will be posted in the [course calendar](#).