

Squares and Square Roots Hand-In Assignment

1. Determine the squares of the following numbers:

a.  $7^2 =$

b.  $19^2 =$

c.  $27^2 =$

d.  $58^2 =$

4. Tony wants to build a fence around the perimeter of his yard. His yard is square and has an area of  $169 \text{ ft}^2$ . How much will it cost him to do this if the materials cost  $\$17.00/\text{ft}$ ?

2. Determine the square root of each perfect square:

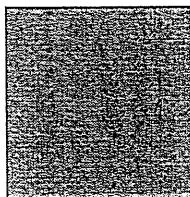
a.  $\sqrt{121} =$

b.  $\sqrt{225} =$

c.  $\sqrt{900} =$

d.  $\sqrt{81} =$

3. Shelley needs at least  $22\text{m}^2$  of fabric to make curtains. Is this square piece of fabric large enough? Show how you know?



$s = 5\text{m}$

5. Vince wants to buy a new perfect square TV. He has a space on his wall of  $68 \text{ in}^2$ . What is the largest TV he could buy for this space? Show your work.