

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Square Roots

A. Find the principal square root of each of the following.

1. $\sqrt{25}$

2. $\sqrt{225}$

3. $\sqrt{144}$

4. $\sqrt{49}$

5. $\sqrt{\frac{121}{169}}$

B. Fill in the blanks with =, <, or > to make the statement true.

1. $\sqrt{49} + \sqrt{25}$ _____ $\sqrt{49 + 25}$

3. $\sqrt{18} \times \sqrt{25}$ _____ $\sqrt{(18)(25)}$

2. $\sqrt{49} - \sqrt{25}$ _____ $\sqrt{49 - 25}$

4. $\sqrt{(81)(16)} \times \sqrt{16}$ _____ $\sqrt{81}$

C. Approximate the given square roots.

Square Root $\sqrt{N}$	Successive Perfect Squares (A, B)	B – A	N – A	Approximating Square Root	
				Mixed Number	Decimal (Nearest Tenths)
1. $\sqrt{8}$					
2. $\sqrt{23}$					
3. $\sqrt{56}$					
4. $\sqrt{118}$					
5. $\sqrt{160}$					
6. $\sqrt{185}$					