Burt says, "The square root of 9 is 3." Is he right? Explain why or why not.

Approximating Square Roots

EQ: Explain how you can approximate the square root of 3.

Approx. Using Known Roots

1^2	2^2	3^2	4^2	5^2	6^2	7^2	8^2	9^2	10^2	11^2	12^2

ex 1: $\sqrt{5}$

ex 2: $\sqrt{30}$

Approximate $\sqrt{15}$

Approximate $\sqrt{2}$

Approximate $\sqrt{70}$

Using Prior Knowlege

ex 3 $\sqrt{6400}$

ex 4 $\sqrt{.25}$

Approximate $\sqrt{900}$

Approximate $\sqrt{.9}$

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Summary