

# Algebra I

11-3

Rational Square Roots

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## Square Roots -

What is  $\sqrt{49}$  ?

Why?

What about

What about

What about

What are the first 20 perfect squares?

- |    |     |     |     |
|----|-----|-----|-----|
| 1) | 6)  | 11) | 16) |
| 2) | 7)  | 12) | 17) |
| 3) | 8)  | 13) | 18) |
| 4) | 9)  | 14) | 19) |
| 5) | 10) | 15) | 20) |

## Sample Questions

Find the indicated square roots. (pg 518)

\*1)  $\pm\sqrt{121}$

\*2)  $-\sqrt{0.0025}$

\*3)  $\sqrt{\frac{4}{9}}$

\*4)  $\pm\sqrt{\frac{18}{98}}$

\*5)  $\sqrt{25 - 9}$

\*6)  $\sqrt{\frac{16}{81}}$

Assignment:  
pg. 518  
1-48 all

Reminder:  
You **WILL** need a  
calculator tomorrow!