Rewriting Radical and Exponential Expressions- Step-by-Step Lesson

1. Simplify the following expressions:

$$\sqrt{20}$$

Explanation:

Step 1) We need to break the square into smaller parts to simplify it.

Step 2) The multiplication property of square roots tells us that:

$\sqrt{ab} = \sqrt{a} \times \sqrt{b}$

$\sqrt{20}$

$\sqrt{2 \times 2 \times 5}$

$2 \times \sqrt{5}$

$2\sqrt{5}$