Focus:

1. To be able to convert between mixed radicals and entire radicals.

Definitions
$\sqrt{4}$
Perfects square: the result of 2 of the same factors multiplied The opposite operation of $x^{2}$ is $\qquad$
Entire eaicic: the number is under the root $\sqrt{51}$
mixed Radical root and coefficient $3 \sqrt{51} 3 \sqrt[3]{51}$

Converting Mixed Radicals to Entire Radicals
To move the coefficient under the radical sign, do the apposite operation.


Converting Entire Radicals to Mixed Radicals
$\sqrt{ }$
Write the radicand as a product of a perfect squareand another number. Take the $\sqrt{ }$ of the perfect square and leave the rest.

Write each as a mixed radical in simplest form.

assignment: worksheets

