DIVIDING RADICALS

1. Find the equation of the line that contains the points (4, -1) and (-4, -3).

To divide radicals: **1) Reduce outside numbers and inside numbers,** *separately.*
                                           2) Simplify the radical.
                                           3) Rationalize (if there is a radical in the denominator).

EXAMPLES: Simplify.

1) $\sqrt{\dfrac{3}{16}} =$	2) $\dfrac{\sqrt{21}}{\sqrt{3}} =$
3) $\dfrac{8\sqrt{48}}{4\sqrt{2}} =$	4) $\dfrac{12}{\sqrt{2}} =$
5) $\sqrt{\dfrac{3}{7}} =$	6) $\sqrt{\dfrac{3}{7}} \bullet \sqrt{\dfrac{14}{27}} =$