

OPERATIONS WITH RADICALS

EXAMPLES: Simplify.

1) $5\sqrt{144} =$

2) $4\sqrt{\frac{49}{144}} =$

3) $\sqrt{72} =$

4) $\sqrt{392b^4} =$

5) $\sqrt{150c^3e^4} =$

6) $5\sqrt{3} + 7\sqrt{3} + 4\sqrt{6} - 2\sqrt{3} =$

7) $2\sqrt{10} - 3\sqrt{40} + 4\sqrt{5} =$

8) $-\sqrt{6} \cdot \sqrt{15} =$

9) $\frac{\sqrt{90}}{\sqrt{5}} =$

10) $\sqrt{\frac{1}{2}} =$