Algebra II

6-3

Sums of Radicals

Simplify.

$\sqrt{2} + \sqrt{2} =$_____ $\sqrt{2} + \sqrt{3} =$_____ $\sqrt{2} + \sqrt[3]{2} =$_____

Simplify. (pg 272)

1) $\sqrt{50} + \sqrt{18}$

17) $\sqrt[3]{4} + \sqrt[3]{\frac{1}{2}}$

25) $\dfrac{\sqrt{6} - \sqrt{24}}{\sqrt{2}}$

31) $\sqrt[3]{5}\left(\sqrt[3]{200} - \sqrt[3]{16}\right)$

37) $\sqrt{p^3 r} + \sqrt{p r^3}$

Assignment:
Pg. 272
2-44 even