

1. Convert the following mixed radicals to entire radicals.

$$\text{a) } 4\sqrt{2} = \sqrt{16} \sqrt{2} = \sqrt{32}$$

$$\text{b) } 6\sqrt{3} = \sqrt{36} \sqrt{3} = \sqrt{108}$$

$$\text{c) } 8\sqrt{5} = \sqrt{64} \sqrt{5} = \sqrt{320}$$

$$\text{d) } 7\sqrt{10} = \sqrt{49} \sqrt{10} = \sqrt{490}$$

$$\text{e) } 9\sqrt{15} = \sqrt{81} \sqrt{15} = \sqrt{1215}$$