

$$\sqrt{12} \cdot \sqrt{3} = \sqrt{12 \cdot 3} = \sqrt{36} = 6$$

$$\sqrt{32} \cdot \sqrt{8} = \sqrt{32 \cdot 8} = \sqrt{256} = 16$$

$$\sqrt{10} \cdot \sqrt{40} = \sqrt{10 \cdot 40} = \sqrt{400} = 20$$

$$\sqrt{18} \cdot \sqrt{50} = \sqrt{18 \cdot 50} = \sqrt{900} = 30$$