

You may have made a mistake when multiplying the numerator by  $\sqrt{10}$ , obtaining  $\frac{\sqrt{90} + \sqrt{50}}{10}$  and then simplifying. You should have obtained  $\frac{9\sqrt{10} + \sqrt{50}}{10}$  and then simplified. The correct answer is:  $\frac{9\sqrt{10} + 5\sqrt{2}}{10}$