

Incorrect. First rewrite each radical using  $\sqrt{ab} = \sqrt{a} \cdot \sqrt{b}$ :

$$8\sqrt{12} + \sqrt{27} + \sqrt{3} = 8\sqrt{4 \cdot 3} + \sqrt{9 \cdot 3} + \sqrt{3} = 8 \cdot \sqrt{4} \cdot \sqrt{3} + \sqrt{9} \cdot \sqrt{3} + \sqrt{3}$$

Simplify each term. This will give you three like terms that can be added. The correct answer is 20.