- **Answer:**
- **50**
- **Step-by-step explanation:**
- Given expression,
- $(6 + \sqrt{-64}) \times (3 - \sqrt{-16})$
- $= (6 + \sqrt{-(8^2)}) \times (3 - \sqrt{-(4^2)})$
- $= (6 + 8\sqrt{-1}) \times (3 - 4\sqrt{-1})$
- $= (6 + 8i)(3 - 4i)$ ($\because \sqrt{-1} = i$)
- $= 6(3 - 4i) + 8i(3 - 4i)$
- $= 18 - 24i + 24i - 32i^2$
- $= 18 + 32$ ($\because i^2 = -1$)
- $= 50$
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