

$$\left(\sqrt{75} + \frac{1}{\sqrt{12}}\right) \div \sqrt{3}$$

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$$\left(\sqrt{75} + \frac{1}{\sqrt{12}}\right) \div \sqrt{3} = \left(5\sqrt{3} + \frac{1}{2\sqrt{3}}\right) \times \frac{1}{\sqrt{3}}$$

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$$\begin{aligned}\left(\sqrt{75} + \frac{1}{\sqrt{12}}\right) \div \sqrt{3} &= \left(5\sqrt{3} + \frac{1}{2\sqrt{3}}\right) \times \frac{1}{\sqrt{3}} \\ &= 5\sqrt{3} \times \frac{1}{\sqrt{3}} + \frac{1}{2\sqrt{3}} \times \frac{1}{\sqrt{3}}\end{aligned}$$

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$$\begin{aligned}\left(\sqrt{75} + \frac{1}{\sqrt{12}}\right) \div \sqrt{3} &= \left(5\sqrt{3} + \frac{1}{2\sqrt{3}}\right) \times \frac{1}{\sqrt{3}} \\ &= 5\sqrt{3} \times \frac{1}{\sqrt{3}} + \frac{1}{2\sqrt{3}} \times \frac{1}{\sqrt{3}} \\ &= 5 + \frac{1}{2 \times 3}\end{aligned}$$

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$$\begin{aligned}\left(\sqrt{75} + \frac{1}{\sqrt{12}}\right) \div \sqrt{3} &= \left(5\sqrt{3} + \frac{1}{2\sqrt{3}}\right) \times \frac{1}{\sqrt{3}} \\ &= 5\sqrt{3} \times \frac{1}{\sqrt{3}} + \frac{1}{2\sqrt{3}} \times \frac{1}{\sqrt{3}} \\ &= 5 + \frac{1}{2 \times 3} = 5 + \frac{1}{6}\end{aligned}$$

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