

9 Найдите значение выражения $0,75^{\frac{1}{8}} \cdot 4^{\frac{1}{4}} \cdot 12^{\frac{7}{8}}$.

$$\begin{aligned} & \left(\frac{3}{4}\right)^{\frac{1}{8}} \cdot 4^{\frac{1}{4}} \cdot 12^{\frac{7}{8}} = \\ & = 3^{\frac{1}{8}} \cdot 4^{\frac{1}{8}} \cdot 12^{\frac{7}{8}} = \\ & = 12^{\frac{1}{8}} \cdot 12^{\frac{7}{8}} = 12 \end{aligned}$$