

Найдите значение выражения  $b^{\frac{1}{5}} \cdot (b^{\frac{9}{10}})^2$  при  $b = 7$ .

$$\begin{aligned} b^{\frac{1}{5}} \cdot (b^{\frac{9}{10}})^2 &= b^{\frac{1}{5}} \cdot b^{\frac{9}{5}} = \\ &= b^{\frac{10}{5}} = b^2 \\ b^2 &= 49 \end{aligned}$$