14) $\log_4 32 + \log_{0,1} 10 = \log_{2^2} 32 + \log_{\frac{1}{10}} 10 =$

$= \frac{1}{2} \cdot \log_2 32 + \log_{10^{-1}} 10 = \frac{1}{2} \cdot 5 + (-1) \cdot \log_{10} 10 = \frac{5}{2} - 1 =$

$= \frac{5}{2} - \frac{2}{2} = \frac{3}{2}$

15) $9^{\log_3 \sqrt{5}} = \sqrt{5}^{\log_3 9} = (\sqrt{5})^2 = 5$