Logarithmic Equations

Solve for x.

$\log_x 25 = 2$

$x =$ _____

$\log_x 49 = 2$

$x =$ _____

$\log_x 27 = 3$

$x =$ _____

$\log_x 5 = 1$

$x =$ _____

$\log_x 32 = 5$

$x =$ _____

$\log_x 81 = 2$

$x =$ _____