choose the correct answer

Index & Log

Solve the following equation.

1

$$5^{2x+1} = 6$$

Answer

$x = 0.091$

$x = 0.034$

$x = 0.057$

Answer

$x = 11.43$

$x = -8$

$x = 10$

2

$$3^{2x+2} \cdot 9^x = 27^{x-2}$$

3

$$log_2(8x - 5) = log_2 3 + log_2(2x + 3)$$

Answer

$x = 7$

$x = -12$

$x = \dfrac{3}{5}$