

Name \_\_\_\_\_ Date \_\_\_\_\_

Quiz: Solving Exponential Equations

Solve the equations.

1  $2^{x-5} = 4^{x-6}$

2  $4^{6x-9} = 1/64$

3  $5^{3+x} - 1/625 = 0$

4  $2^{x+1} = 1/8$

5  $4^{x+3} = 256$

6  $5^{2x-8} = 625$

7  $18^{x-4} = 324^{x-7}$

8  $25^{5x-9} = 1/64$

9  $7^{2+x} - 1/343 = 0$

10  $2^{x+1} = 1/128$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%