

Worksheet #2 Lesson 4.5

Solve and check.

1) $5^{2x} = 20$

2) $12^{2x-8} = 15$

3) $2^{x+6} = 4$

4) $16^{5x} = 64^{x+7}$

5) $243^{0.2x} = 81^{x+5}$

6) $25^x = 125^{x-2}$

7) $4^{-4n-2} = 60$

8) $3^{2-3n} = 66$