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For Grades 1 - 10



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Solving Exponential Equations Worksheets

Solve the following exponential equations:

1. $8 \cdot 2^{8x+3} = 64 \cdot 16^x$

2. $8 \cdot 2^{x+3} + 78 + 64 = 16 \cdot 3^x$

3. $3 \cdot 2^{x+4} \times 625^x = 1/9 \cdot 9^x$

4. $25 \cdot 2^{x-7} = 5 \cdot 6^{x+4}$

5. $3 \cdot 2^{x+7} = 9 \cdot 13^{x-2}$

6. $8 \cdot 12 \cdot 7^x = 1/46^{x+12}$

7. $27 \cdot 5^{x+3} = 1/96^x / 2^{x+3}$

8. $1/7 \cdot 1 + 8^{x+3} = 73 \times 76^x$

9. $3/217 \cdot 4^{x+3} = 2/36^x \times 3/26^x$

10. $1/172^{x+3} = 174 \times 176^x$

**When you learn math
in an interesting way,
you never forget.**



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Present across USA, UK,
Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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