

Get better at Math.
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Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



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For Grades 1 - 10



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Select the correct product of its prime factors for each number.

$$2 \times 3 \times 7$$

$$2 \times 2 \times 3 \times 3 \times 5$$

$$2 \times 5 \times 5 \times 7$$

$$2 \times 3 \times 5$$

$$2 \times 2 \times 11$$

$$3 \times 3 \times 5$$

$$2 \times 2 \times 2 \times 5$$

$$2 \times 3 \times 11$$

$$2 \times 3 \times 3 \times 5$$

$$2 \times 2 \times 3 \times 5$$

A.

$$90 = \dots\dots\dots$$

B.

$$45 = \dots\dots\dots$$

C.

$$66 = \dots\dots\dots$$

D.

$$30 = \dots\dots\dots$$

E.

$$180 = \dots\dots\dots$$

Factor the following numbers. Is the number prime?

6. 40 - _____

7. 27 - _____

8. 9 - _____

9. 124 - _____

10. Use the factor tree to find the prime factors of the given numbers.

a.	$36 = 4 \times 9$ $= \square \times \square \times \square \times \square$
b.	$48 = 4 \times 12$ $= \square \times \square \times \square \times \square$ $= \square \times \square \times \square \times \square \times \square$
c.	$56 = 7 \times \square$ $= \square \times \square \times \square$ $= \square \times \square \times \square \times \square$

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



25 Million

Math classes &
counting

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Students learning
Math the right way

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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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**ANSWERS**

1.	$2 \times 3 \times 3 \times 5$
2.	$3 \times 3 \times 5$
3.	$2 \times 3 \times 11$
4.	$2 \times 3 \times 5$
5.	$5 \times 2 \times 2 \times 3 \times 3$
6.	$2 \times 2 \times 2 \times 5$
7.	$3 \times 3 \times 3$
8.	3×3
9.	$2 \times 2 \times 31$
10.	a. $2 \times 2 \times 3 \times 3$ b. $2 \times 2 \times 2 \times 2 \times 3$ c. $2 \times 2 \times 2 \times 7$

FUN FACT

- An easy trick to remember the order of PEMDAS is "Please Excuse My Dear Aunt Sally".
- Many mnemonics following order of operations are used along with PEMDAS worldwide, like BODMAS, BEDMAS, and BIDMAS.

