

Get better at Math.
Get better at
everything.



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



**Adaptive
Platform**



**Interactive Visual
Simulations**



**Personalized
Attention**

For Grades 1 - 10



LIVE online classes
by trained and
certified experts.

Get the Cuemath advantage

Book a FREE trial class

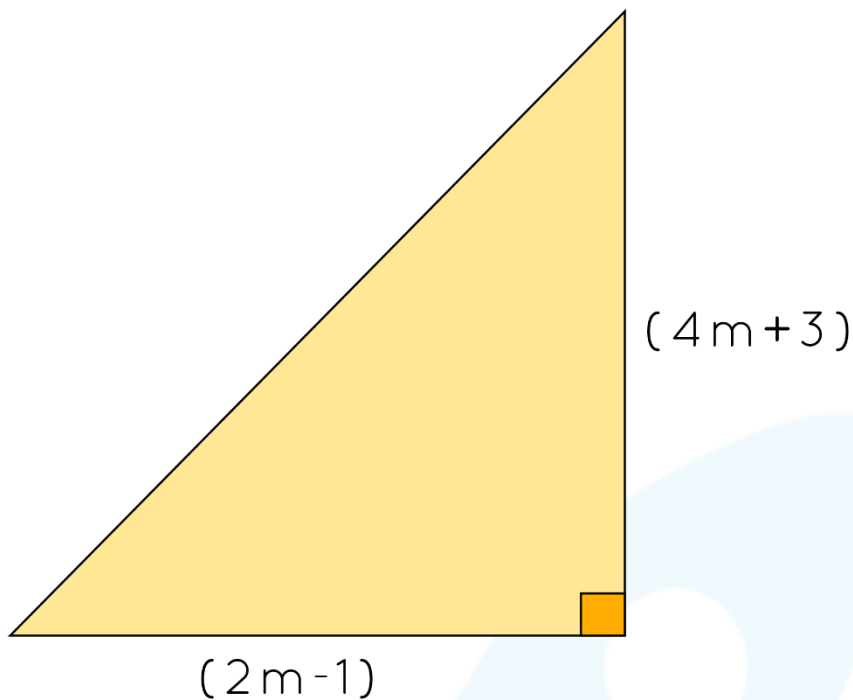
MULTIPLYING BINOMIALS WORKSHEETS

- 1) State whether the following product of binomials is correct/incorrect. If it is correct, what is the correct product?

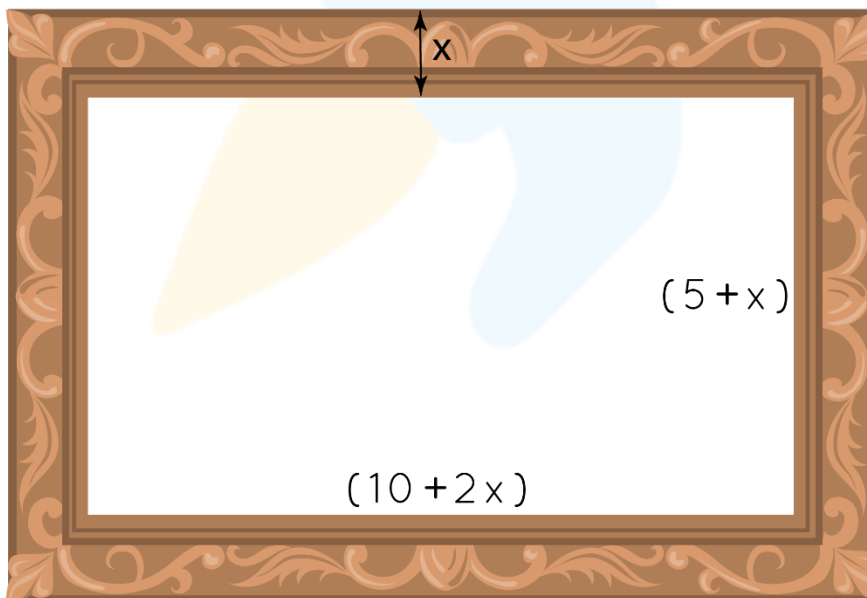
$$(x - 2)(x - 3) = x^2 + 6$$

- 2) Find the product $(m - 3)(m + 2)$ using the distributive property.
- 3) Find the product $(3x - 2)(x + 7)$ using the table method.
- 4) Find the product $(p - 3q)(2p - 5q)$ using the FOIL method.
- 5) $(n - 3)(n^3 + 5) = \text{-----}$
- 6) $\left(v - \frac{1}{2}\right)\left(2v - \frac{3}{2}\right) = \text{-----}$

7) Find the area of the following triangle.



8) A rectangular photo frame has a border of equal width around it as shown below. Find the combined area of the photo and its frame.



9) What is the coefficient of m in the product $(2m + 7)$

$$\left(\frac{m}{2} + 1\right)?$$

10) $(3x + 1)(x - 5) - (4x + 3)(x - 2) = \text{-----}$



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



25 Million

Math classes &
counting

100K+

Students learning
Math the right way

20+ Countries

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

Get the Cuemath advantage

Book a FREE trial class

**ANSWERS**

1)	Incorrect; $(x - 2)(x - 3) = x^2 - 5x + 6$
2)	$m^2 - m - 6$
3)	$3x^2 + 19x - 14$
4)	$2p^2 - 11pq + 15q^2$
5)	$n^4 - 3n^3 + 5n - 15$
6)	$2v^2 - \frac{5}{2}v + \frac{3}{4}$
7)	$4m^2 + m - \frac{3}{2}$ square units
8)	$12x^2 + 50x + 50$
9)	$\frac{11}{2}$
10)	$-x^2 - 9x + 1$

FUN FACT

1. The methods that can be used to multiply binomials are
 - i) Using distributive property
 - ii) Table method
 - iii) FOIL (First Outer Inner Last)
2. The distributive property is $a(b + c) = ab + ac$.
3. The product of two binomials is $(a + b)(c + d) = ac + ad + bc + bd$.

