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Multiplying Monomials and Polynomials Worksheets - 2

Find the product of the three monomials:

1. If $ax^2 + bx + c$ equals the product of $(x - 3)(x + 4)$, find the values of a, b, c .
2. If $P = 4x^3 + 2x^5$, $Q = 13x^4 - 26x^3$, and $R = 39$, find the value of $\frac{P \times R}{Q}$.
3. The product of two numbers is $2q$, if one of them is $\frac{1}{8q^2}$, find the other.
4. Half of the perimeter of a rectangle is $7x^2 + 9y + 29$, if the length of the rectangle is $7x^2 + 19$, find its area.
5. If there are x^2 boys and $2x^2$ girls were participating in a quiz competition. If each of the girls scored $20x$ points and each of the boys scored $17x$ points. How many more points did the girls scored than the boys?
6. $7ab^2c^5$, $4a^3b^2c^2$ and $2abc^2$
7. xy^2 , $2x^2y$ and xy
8. x^5 , y^2x^5 and xyz

9. $(-b^2c)$, $(-2bc)$ and $10c^2b$
10. Multiply $(-7mn^2)$ by $(-6m^3n^5)$



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



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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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