

Multiplying Monomials



Simplify each expression.

1) $-9x^2y^3z \times 5x =$

2) $9xy \times 4x^2y =$

3) $-4xy \times (-2z) =$

4) $8x^2y^3z \times 5x =$

5) $5x^2y^3z \times 4x =$

6) $2x^2y^2z \times 2xz^2 =$

7) $-5xy \times (-3z) =$

8) $-8x^2y^2z \times 7xz^2 =$

9) $9x^2y^2z \times 5xz^2 =$

10) $5xy \times 2x^2y =$

11) $-6x^2y^2z \times 7xz^2 =$

12) $2xy \times 4x^2y =$

13) $-3x^2y^2z \times 4xz^2 =$

14) $7xy \times 2x^2y =$

15) $-1xy \times 3x^2y =$

16) $-10x^2y^2z \times 4xz^2 =$

17) $-8xy \times (-3z) =$

18) $2x^2y^3z \times 3x =$

19) $-5xy \times 4x^2y =$

20) $-5x^2y^2z \times 5xz^2 =$

21) $8x^2y^2z \times 7xz^2 =$

22) $3x^2y^3z \times 3x =$

Answers of Multiplying Monomials



Simplify each expression.

$$1) -9x^2y^3z \times 5x = -45x^3y^3z$$

$$2) 9xy \times 4x^2y = 36x^3y^2$$

$$3) -4xy \times (-2z) = 8xyz$$

$$4) 8x^2y^3z \times 5x = 40x^3y^3z$$

$$5) 5x^2y^3z \times 4x = 20x^3y^3z$$

$$6) 2x^2y^2z \times 2xz^2 = 4x^3y^2z^3$$

$$7) -5xy \times (-3z) = 15xyz$$

$$8) -8x^2y^2z \times 7xz^2 = -56x^3y^2z^3$$

$$9) 9x^2y^2z \times 5xz^2 = 45x^3y^2z^3$$

$$10) 5xy \times 2x^2y = 10x^3y^2$$

$$11) -6x^2y^2z \times 7xz^2 = -42x^3y^2z^3$$

$$12) 2xy \times 4x^2y = 8x^3y^2$$

$$13) -3x^2y^2z \times 4xz^2 = -12x^3y^2z^3$$

$$14) 7xy \times 2x^2y = 14x^3y^2$$

$$15) -1xy \times 3x^2y = -3x^3y^2$$

$$16) -10x^2y^2z \times 4xz^2 = -40x^3y^2z^3$$

$$17) -8xy \times (-3z) = 24xyz$$

$$18) 2x^2y^3z \times 3x = 6x^3y^3z$$

$$19) -5xy \times 4x^2y = -20x^3y^2$$

$$20) -5x^2y^2z \times 5xz^2 = -25x^3y^2z^3$$

$$21) 8x^2y^2z \times 7xz^2 = 56x^3y^2z^3$$

$$22) 3x^2y^3z \times 3x = 9x^3y^3z$$