

Multiplying Monomials



Simplify each expression.



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

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

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

$$4) 6x^2y^3z \times 7x =$$

$$5) -10x^2y^3z \times 4x =$$

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

$$7) 6xy \times (-3z) =$$

$$8) -1xy \times (-4z) =$$

$$9) -4x^2y^3z \times 7x =$$

$$10) 8x^2y^3z \times 5x =$$

$$11) -8x^2y^3z \times 3x =$$

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

$$13) 8xy \times (-2z) =$$

$$14) 4xy \times (-4z) =$$

$$15) 3x^2y^3z \times 3x =$$

$$16) 10x^2y^3z \times 3x =$$

$$17) 7xy \times 2x^2y =$$

$$18) 10xy \times (-2z) =$$

$$19) -8xy \times 4x^2y =$$

$$20) 8x^2y^2z \times 7xz^2 =$$

$$21) 6x^2y^2z \times 3xz^2 =$$

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

$$23) -4x^2y^2z \times 3xz^2 =$$

$$24) -6x^2y^3z \times 2x =$$

$$25) -5x^2y^3z \times 7x =$$

$$26) -7x^2y^3z \times 2x =$$

$$27) 8xy \times 2x^2y =$$

$$28) 7x^2y^3z \times 5x =$$

$$29) -1x^2y^2z \times 4xz^2 =$$

$$30) 1xy \times (-2z) =$$

Answers of Multiplying Monomials



Simplify each expression.

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

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

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

$$4) 6x^2y^3z \times 7x = 42x^3y^3z$$

$$5) -10x^2y^3z \times 4x = -40x^3y^3z$$

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

$$7) 6xy \times (-3z) = -18xyz$$

$$8) -1xy \times (-4z) = 4xyz$$

$$9) -4x^2y^3z \times 7x = -28x^3y^3z$$

$$10) 8x^2y^3z \times 5x = 40x^3y^3z$$

$$11) -8x^2y^3z \times 3x = -24x^3y^3z$$

$$12) -3xy \times 3x^2y = -9x^3y^2$$

$$13) 8xy \times (-2z) = -16xyz$$

$$14) 4xy \times (-4z) = -16xyz$$

$$15) 3x^2y^3z \times 3x = 9x^3y^3z$$

$$16) 10x^2y^3z \times 3x = 30x^3y^3z$$

$$17) 7xy \times 2x^2y = 14x^3y^2$$

$$18) 10xy \times (-2z) = -20xyz$$

$$19) -8xy \times 4x^2y = -32x^3y^2$$

$$20) 8x^2y^2z \times 7xz^2 = 56x^3y^2z^3$$

$$21) 6x^2y^2z \times 3xz^2 = 18x^3y^2z^3$$

$$22) 2x^2y^3z \times 3x = 6x^3y^3z$$

$$23) -4x^2y^2z \times 3xz^2 = -12x^3y^2z^3$$

$$24) -6x^2y^3z \times 2x = -12x^3y^3z$$

$$25) -5x^2y^3z \times 7x = -35x^3y^3z$$

$$26) -7x^2y^3z \times 2x = -14x^3y^3z$$

$$27) 8xy \times 2x^2y = 16x^3y^2$$

$$28) 7x^2y^3z \times 5x = 35x^3y^3z$$

$$29) -1x^2y^2z \times 4xz^2 = -4x^3y^2z^3$$

$$30) 1xy \times (-2z) = -2xyz$$