

1-17-2019

$$1) (-3x^2y^3)(4x^3y^6z) =$$

$$2) (2x^3y^2)^2(4x^2y^4)^2 =$$

$$3) (-2x^2y^3z^2)^2(-4x^3y^2z^3)^2 =$$

$$4) (-2x^3y^4)^3(3x^2y^4z^3)(-3x^3y^4z^2)^2 =$$

$$5) \frac{18x^7 \cdot 60y^5 \cdot 80z^6}{15x^5 \cdot 36y^4 \cdot 40z^4} =$$

$$6) \frac{(4x^4y^3z^5)^2}{(2x^2y^2z^2)^3} =$$

$$7) \frac{120x^8 \cdot 144y^5 \cdot 64z^6}{16x^6 \cdot 12y^4 \cdot 30z^5} =$$

$$8) \frac{(-3x^2y^3z^4)^2}{2x^2y^4z^6} =$$

$$9) \frac{(-2x^4)^3(-4y^3)^2-(3z^3)^3}{(4x^2)^2(-3y^2)^2(2z)^2} =$$

10) Find the similar monomials and add them:

$$3xy, 8x^4y^5, 2a^2b^3, 6xy^2, -4xy, 6a^3b^2, aby, -2xy^4, \\ 4ayb, 8xy^2, \frac{3}{4}y^5x^4, 3yx, -4a^3b^3, 4y^2, \frac{5}{3}a^2b^3, \frac{xy}{2}, \\ -\frac{2}{5}x^4y^5, \frac{2}{3}a^3b^2.$$