

ACTIVIDAD MULTIPLICACIÓN Y DIVISIÓN DE MONOMIOS

1. Resolver

DIVIDE

$$1) (15 x^8 y^6) : (3 x^2 y^3) = \boxed{} x^{\boxed{}} y^{\boxed{}}$$

$$2) (20 a^7 b^7) : (5 a^3 b^4) = \boxed{} a^{\boxed{}} b^{\boxed{}}$$

$$3) (21 x^5 y^6 z^4) : (3 x^2 y^3 z^2) = \boxed{} x^{\boxed{}} y^{\boxed{}} z^{\boxed{}}$$

$$4) (32 a^4 b^6 c^5) : (8 a^2 b^2 c^3) = \boxed{} a^{\boxed{}} b^{\boxed{}} c^{\boxed{}}$$

MULTIPLICA

$$1) (5 x^3 y^4) (6 x^2 y^3) = \boxed{} x^{\boxed{}} y^{\boxed{}}$$

$$2) (7 a^5 b^3) (3 a^3 b^4) = \boxed{} a^{\boxed{}} b^{\boxed{}}$$

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

$$4) (5 a^3 b c^3) (6 a b^2 c) = \boxed{} a^{\boxed{}} b^{\boxed{}} c^{\boxed{}}$$

2. Seleccione las tarjetas cuyo producto corresponda cada uno de los siguiente monomios

$$12x^3y^3$$

$$\boxed{3x^2y}$$

$$\boxed{4x^2y}$$

$$\boxed{3xy}$$

$$\boxed{4xy^2}$$

$$-8m^9n^3$$

$$\boxed{4m^3n^2}$$

$$\boxed{-4m^3n}$$

$$\boxed{-2m^6n^2}$$

$$\boxed{2m^6n^2}$$

$$-64p^8q^6$$

$$\boxed{8p^2q}$$

$$\boxed{-4p^8q^5}$$

$$\boxed{8p^6q^5}$$

$$\boxed{16q}$$

3. Resuelve los siguientes ejercicios de división de monomios:

$$-5a^2b \text{ sobre } -a$$

$$14a^3b^4 \text{ sobre } -2ab^2$$

$$-a^3b^4c \text{ sobre } -a^3b^4$$

$$2a^4b^3 \div 5a^3b^2$$

$$-9x^4y^2z^3 \div 3xyz^3$$

$$-5m^4n^3 \div 5m^2n^3$$

$$16w^5z^3 \div 4w^2z^3$$

$$4w^8y^6 \div (-2wy)$$