

$$1) (-8ab^7)(3a^4b^2)$$

$$2) (-5k^3m^7)^2$$

$$3) 9x^4y - 3x^4y$$

$$4) x^3 \cdot x^2 \cdot x^8$$

$$5) (-3)^2(-3)^5$$

$$6) (2r^5t^3)(3r^7t^6)^2$$

7)

$$3x^2y(2x^5y^6)(-5x^8y^4)$$

$$8) 4^2 \cdot 4^6 \cdot 4^7$$

$$9) (-3)^4(-3)^2$$

$$10) \quad \frac{21v^9w^4}{14v^2w^{10}}$$

$$12) \quad \left(\frac{x^2 y^5}{x^{10} y z^8} \right)^3$$

$$11) \quad \frac{(q^6 r^7)^2}{q r^{19}}$$

$$13) \quad \left(\frac{8 x y^9 z}{20 x^5 y^2} \right)^3$$