

L M M J V S D Multiplicación y divisiones

$$1) (x)^4(x)^7 = \underline{\underline{x^{11}}}$$

$$2) (6^4)(6^{-4}) = 6^{4-4} = 6^0 = \underline{\underline{1}}$$

$$3) (5b^4)(5b^5) = \underline{\underline{25b^9}}$$

$$4) (7^4)(7^2) = 7^{4+2} = 7^6 = \underline{\underline{177649}}$$

$$5) (-3)^2(4)^2(-5)^2 = 3^2 \cdot 4^2 \cdot 5^2 = 9 \cdot 4^2 \cdot 5^2 = 9 \cdot 16 \cdot 25 = \underline{\underline{3600}}$$

$$6) \frac{a^6}{a^3} = a^3, a \neq 0 = \underline{\underline{a^3}}, a \neq 0$$

$$7) \frac{5^{10}}{5^6} = 5^4 = \underline{\underline{625}}$$

$$8) \frac{9^4}{3^4} = \frac{(3^2)^4}{3^4} = \frac{3^8}{3^4} = 3^{8-4} = 3^4 = \underline{\underline{81}}$$

$$9) \frac{7^9}{7^7} = 7^2 = \underline{\underline{49}}$$

$$10) \frac{15^5}{5^5} = \frac{759375}{3125} = \underline{\underline{243}}$$