

Φύλο Εργασίας 2

1) Να υπολογιστούν οι τιμές των παραστάσεων:

$$1) (-2)^3 (-2)^4 (-2)^2 =$$

$$2) \frac{3^4}{3^2} =$$

$$3) 5^3 \cdot 5^4 =$$

$$4) (-7) \cdot (-7)^2 \cdot (-7)^3 =$$

$$5) \left(-\frac{2}{5}\right) \cdot \left(-\frac{2}{5}\right)^3 \cdot \left(-\frac{2}{5}\right)^5 =$$

$$6) \left(\frac{3}{4}\right)^3 \cdot \left(\frac{4}{3}\right)^3 =$$

$$7) (-6)^7 \cdot \left(-\frac{1}{6}\right)^7 \cdot 1^7 =$$

$$8) \left(\frac{2}{3}\right)^4 \cdot \left(\frac{3}{4}\right)^4 \cdot \left(\frac{4}{5}\right)^4 \cdot \left(\frac{5}{6}\right)^4 =$$

$$9) \frac{16^5}{8^5} =$$

$$10) \frac{60^4}{20^4} =$$

$$11) 45^3 : (-9)^3 =$$

$$12) (2^4)^2 =$$

$$13) [(-3)^3]^2 =$$

$$14) [(-2 \cdot 5)^3]^3 =$$

$$15) (3^{10} \cdot 3^{11} \cdot 3^{12}) : (3 \cdot 3^8) =$$

$$16) \frac{(-3)^4}{3^2} =$$

$$17) ((-2)^3)^2 \cdot (2^4)^2 =$$

$$18) 2^3 \cdot 4^3 \cdot (-2)^3 =$$

$$19) \Gamma = -\frac{(-12)^5}{4^5} - \frac{15^4}{(-3)^4} + \frac{21^3}{(-7)^3} =$$

$$20) 2^{-3} \cdot 2^4 \cdot (-2)^6 \cdot 2^{-2} =$$