

$$(38) (3 \times 10^5)^2 = (3 \times 10^5)(3 \times 10^5) = \underline{\underline{9 \times 10^{10}}}$$

$$(39) (4 \times 10^2)^5 = 1024 \times 10^{10} = \underline{\underline{1.024 \times 10^{13}}}$$

$$(40) (2 \times 10^{-10})^3 = \underline{\underline{8 \times 10^{-30}}}$$

$$(41) (2 \times 10^{-3})^3 = \underline{\underline{8 \times 10^{-9}}}$$

$$(42) (7.4 \times 10^4)^2 = 54.76 \times 10^8 = \underline{\underline{5.476 \times 10^9}}$$

$$(43) (6.25 \times 10^{-12})^{-2} = 39.0625 \times 10^{24} = \underline{\underline{3.90625 \times 10^{25}}}$$

$$(44) (3.5 \times 10^{-4})^3 = 12.25 \times 10^{-12} = \underline{\underline{1.225 \times 10^{-11}}}$$

$$(45) (2.37 \times 10^8)^3 = 13,312,053 \times 10^{24} = 1.3312053 \times 10^{25}$$

$$(47) 4 \quad (48) -4 \quad (49) \frac{6}{7} \quad (50) 0 \quad (51) -3 \quad (52) 8$$

$$(53) -2 \quad (54) 0 \quad (55) -3$$