

Express the following numbers in at least two other ways using expanded notation.

a) $25\ 408 = 20\ 000 + 5\ 000 + 400 + 8$

or

$$25\ 408 = (2 \times 10\ 000) + (5 \times 1000) + (4 \times 100) + 8$$

b) $6\ 357\ 250 = 6\ 000\ 000 + 300\ 000 + 50\ 000 + 7\ 000 + 200 + 50$

or

$$6\ 357\ 250 = (6 \times 1\ 000\ 000) + (3 \times 100\ 000) + (5 \times 10\ 000) + (7 \times 1000) + (2 \times 100) + (5 \times 10)$$

c) $92.5 = 90 + 2 + 0.5$

or

$$92.5 = (9 \times 10) + 2 + (5 \times 10^{-1})$$

or

$$92.5 = (9 \times 10^1) + (2 \times 10^0) + (5 \times 10^{-1})$$

d) $6.25 = 6 + (2 \times 10^{-1}) + (5 \times 10^{-2})$

or

$$6.25 = (6 \times 10) + (2 \times 0.1) + (5 \times 0.01)$$