

Standard and Expanded Form

T3L2S5

Write in expanded form.

1) 47.1982 _____

2) 819.26347 _____

3) 6.387 _____

Write in standard form

1) $(5 \times 10^2) + (2 \times 10^1)$

$+ (9 \times 10^{-4}) + (3 \times 10^{-5})$

2) $(7 \times 10^0) + (9 \times 10^{-1}) + (2 \times 10^{-3}) + (6 \times 10^{-4}) + (8 \times 10^{-5}) + (7 \times 10^{-6})$

3) $(1 \times 10^1) + (2 \times 10^0) + (4 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3}) + (6 \times 10^{-4})$

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Standard and Expanded Form

T3L2S5

Write in expanded form.

1) 47.1982 $(4 \times 10^1) + (7 \times 10^0) + (1 \times 10^{-1}) + (9 \times 10^{-2}) + (8 \times 10^{-3})$
 $+ (2 \times 10^{-4})$

2) 819.26347 $(8 \times 10^2) + (1 \times 10^1) + (9 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-2})$
 $+ (3 \times 10^{-3}) + (4 \times 10^{-4})$

3) 6.387

Write in standard form

1) $(5 \times 10^2) + (2 \times 10^1) + (9 \times 10^{-4}) + (3 \times 10^{-5})$

2) $(7 \times 10^0) + (9 \times 10^{-1}) + (2 \times 10^{-3}) + (6 \times 10^{-4}) + (8 \times 10^{-5}) + (7 \times 10^{-6})$

7.902687

3) $(1 \times 10^1) + (2 \times 10^0) + (4 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3}) + (6 \times 10^{-4})$

12.4796

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