

Expanded Form

T3L2S3

Write each decimal in expanded form.

1) 3.465297 $(3 \times 10^0) + (4 \times 10^{-1}) + (6 \times 10^{-2}) + (5 \times 10^{-3}) + (2 \times 10^{-4})$
 $+ (9 \times 10^{-5}) + (7 \times 10^{-6})$

2) 29.2013

3) 591.32879

4) 6.1754

5) 705.5

6) 87.6381

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1) 3.465297 $(3 \times 10^0) + (4 \times 10^{-1}) + (6 \times 10^{-2}) + (5 \times 10^{-3}) + (2 \times 10^{-4})$
 $+ (9 \times 10^{-5}) + (7 \times 10^{-6})$

2) 29.2013 $(2 \times 10^1) + (9 \times 10^0) + (2 \times 10^{-1}) + (1 \times 10^{-3}) + (3 \times 10^{-4})$

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3) 591.32879 $(5 \times 10^2) + (9 \times 10^1) + (3 \times 10^{-1}) + (2 \times 10^{-2})$
 $+ (8 \times 10^{-3}) + (7 \times 10^{-4})$

4) 6.1754 $(6 \times 10^0) + (1 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-3}) + (4 \times 10^{-4})$

5) 705.5

6) 87.6381 $(8 \times 10^1) + (7 \times 10^0) + (6 \times 10^{-1}) + (3 \times 10^{-2}) + (8 \times 10^{-3})$
 $+ (1 \times 10^{-4})$