Name : _____ Score : _____

Standard Form

T3L2S1

Write in standard form.

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

345.986017

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

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

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

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

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

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

Name : _____ Score : _____

Answer key

Standard Form

T3L2S1

Write in standard form.

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

345.986017

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

73.14256

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

1.238

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

690.5148

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

8.673642

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

26.4501

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

4.036279

Name : _____ Score : _____

Standard Form

T3L2S2

Write in standard form.

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

18.630745

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

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

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

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

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

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

Name : _____ Score : _____

Answer key

Standard Form

T3L2S2

Write in standard form.

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

18.630745

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

6.9431

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

430.579182

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

9.42653

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

523.01496

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

74.8503

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

31.702514

Name : _____ Score : _____

Standard Form

T3L2S3

Write in standard form.

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

84.195063

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

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

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

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

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

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

Name : _____ Score : _____

Answer key

Standard Form

T3L2S3

Write in standard form.

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

84.195063

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

958.0372

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

5.60017

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

12.395678

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

67.2841

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

309.45106

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

2.854399

Name : _____ Score : _____

Standard Form

T3L2S4

Write in standard form.

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

236.719485

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

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

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

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

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

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

Name : _____ Score : _____

Answer key

Standard Form

T3L2S4

Write in standard form.

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

236.719485

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

7.425019

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

81.59632

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

49.0381

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

704.65

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

3.1948

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

152.346097