

Solutions – Rounding to Significant Figures (A)

Round 9.710103 to 2 significant figure(s).

9.7

Round 6.25038 to 3 significant figure(s).

6.25

Round 0.5045931 to 3 significant figure(s).

0.505

Round 7.821514 to 1 significant figure(s).

8

Round 1.364355 to 1 significant figure(s).

1

Round 4864.418 to 2 significant figure(s).

4900

Solutions – Rounding to Significant Figures (B)

Round 0.1019824 to 3 significant figure(s).

0.102

Round 0.2599676 to 1 significant figure(s).

0.3

Round 7.848586 to 2 significant figure(s).

7.8

Round 0.5678198 to 1 significant figure(s).

0.6

Round 0.8854507 to 3 significant figure(s).

0.885

Round 6.864272 to 2 significant figure(s).

6.9

Solutions – Rounding to Significant Figures (C)

Round 0.09975309 to 1 significant figure(s).

0.10

Round 8.519406 to 1 significant figure(s).

9

Round 0.6046657 to 3 significant figure(s).

0.605

Round 8091.531 to 2 significant figure(s).

8100

Round 6815.649 to 3 significant figure(s).

6820

Round 3.264225 to 2 significant figure(s).

3.3

Solutions – Rounding to Significant Figures (D)

Round 0.5907881 to 1 significant figure(s).

0.6

Round 0.900642 to 3 significant figure(s).

0.901

Round 4745.795 to 2 significant figure(s).

4700

Round 664.6333 to 2 significant figure(s).

660

Round 3.33416 to 3 significant figure(s).

3.33

Round 0.3725561 to 1 significant figure(s).

0.4

Solutions – Rounding to Significant Figures (E)

Round 3966.622 to 1 significant figure(s).

4000

Round 0.4035592 to 2 significant figure(s).

0.40

Round 0.3072326 to 1 significant figure(s).

0.3

Round 0.2274896 to 3 significant figure(s).

0.227

Round 0.09829824 to 2 significant figure(s).

0.098

Round 8.203991 to 3 significant figure(s).

8.20

Solutions – Rounding to Significant Figures (F)

Round 299.7622 to 2 significant figure(s).

300

Round 7.98355 to 3 significant figure(s).

7.98

Round 0.6459951 to 3 significant figure(s).

0.646

Round 6523.797 to 2 significant figure(s).

6500

Round 2561.896 to 1 significant figure(s).

3000

Round 8.156663 to 1 significant figure(s).

8

Solutions – Rounding to Significant Figures (G)

Round 0.01044268 to 2 significant figure(s).

0.010

Round 0.2772441 to 3 significant figure(s).

0.277

Round 3737.872 to 3 significant figure(s).

3740

Round 8221.321 to 1 significant figure(s).

8000

Round 5868.979 to 2 significant figure(s).

5900

Round 7.859875 to 1 significant figure(s).

8

Solutions – Rounding to Significant Figures (H)

Round 6.858345 to 1 significant figure(s).

7

Round 0.8148488 to 2 significant figure(s).

0.81

Round 0.90151 to 3 significant figure(s).

0.902

Round 9.530693 to 1 significant figure(s).

10

Round 0.04674575 to 3 significant figure(s).

0.0467

Round 0.3683751 to 2 significant figure(s).

0.37

Solutions – Rounding to Significant Figures (I)

Round 447.3468 to 2 significant figure(s).

450

Round 0.3730036 to 1 significant figure(s).

0.4

Round 2.136965 to 1 significant figure(s).

2

Round 2101.882 to 3 significant figure(s).

2100

Round 312.6344 to 3 significant figure(s).

313

Round 0.2524922 to 2 significant figure(s).

0.25

Solutions – Rounding to Significant Figures (J)

Round 74.28619 to 2 significant figure(s).

74

Round 2.246841 to 1 significant figure(s).

2

Round 817.3383 to 3 significant figure(s).

817

Round 4642.578 to 2 significant figure(s).

4600

Round 6.518876 to 1 significant figure(s).

7

Round 9364.495 to 3 significant figure(s).

9360