

## ROUNDING - PRACTICE QUESTIONS



1.

Round each number to the nearest whole number:

- (a)  $45.1 = 45$
- (b)  $700.8 = 701$
- (c)  $89.45 = 89$
- (d)  $111.19 = 111$
- (e)  $80.9 = 81$
- (f)  $1,066.66 = 1067$
- (g)  $8.176 = 8$
- (h)  $23.456 = 23$
- (i)  $3,195.5 = 3196$
- (j)  $60.49 = 60$

2.

Round each number to the nearest 10:

- (a)  $71 = 70$
- (b)  $56 = 60$
- (c)  $155 = 160$
- (d)  $904 = 900$
- (e)  $709 = 710$
- (f)  $48 = 50$
- (g)  $164 = 160$
- (h)  $8,189 = 8190$
- (i)  $1,505 = 1500$
- (j)  $677 = 680$

3.

Round each number to the nearest 100:

(a) 445 = 400

(b) 89 = 100

(c) 765 = 800

(d) 507 = 500

(e) 2,021 = 2000

(f) 699 = 700

(g) 1,770 = 1800

(h) 15,704 = 15700

(i) 10,350 = 10400

(j) 750 = 800

(k) 30,511 = 30500

4.

Round each number to the nearest 1,000:

(a) 7,590 = 8000

(b) 3,304 = 3000

(c) 61,750 = 62000

(d) 101,499 = 101000

(e) 501 = 1000

(f) 78,855 = 79000

(g) 34,670 = 35000

(h) 399,432 = 399000

(i) 123,456 = 123000

(j) 70,563 = 71000

(k) 909,500 = 910000

5.

Round each number to 1 decimal place:

- (a)  $8.34 = 8.3$
- (b)  $77.17 = 77.2$
- (c)  $802.39 = 802.4$
- (d)  $9.15 = 9.2$
- (e)  $104.461 = 104.5$
- (f)  $435.529 = 435.5$
- (g)  $1.0952 = 1.1$
- (h)  $1,908.466 = 1908.5$
- (i)  $80.335 = 80.3$
- (j)  $715.65 = 715.7$
- (k)  $4,143.98 = 4144.0$

6.

Round each number to 2 decimal places:

- (a)  $3.356 = 3.36$
- (b)  $99.152 = 99.15$
- (c)  $0.169 = 0.17$
- (d)  $45.607 = 45.61$
- (e)  $922.851 = 922.85$
- (f)  $707.721 = 707.72$
- (g)  $1,095.395 = 1095.40$
- (h)  $8.096 = 8.10$
- (i)  $90,175.432 = 90175.43$
- (j)  $0.008 = 0.01$
- (k)  $73.394 = 73.39$

7.

Round each number to 2 significant figures:

(a)  $562 = 560$

(b)  $958 = 960$

(c)  $1,543 = 1500$

(d)  $20,487 = 20000$

(e)  $872 = 870$

(f)  $509 = 510$

(g)  $7,066 = 7100$

(h)  $8,157 = 8200$

(i)  $66.5 = 67$

(j)  $79.3 = 79$

(k)  $99.9 = 100$

8.

Round each number to 3 significant figures:

(a)  $70.75 = 70.8$

(b)  $1.2345 = 1.23$

(c)  $9,126 = 9130$

(d)  $88,725 = 88700$

(e)  $312.7 = 313$

(f)  $4,699 = 4700$

(g)  $7,456 = 7460$

(h)  $61,289 = 61300$

(i)  $92.95 = 93.0$

(j)  $5,286 = 5290$

(k)  $42,790 = 42800$

9.

Round each number to 2 significant figures:

- (a) 0.352 = 0.35  
(b) 0.829 = 0.83  
(c) 0.955 = 0.96  
(d) 0.0615 = 0.062  
(e) 0.0722 = 0.072  
(f) 0.00888 = 0.0089  
(g) 0.000451 = 0.00045  
(h) 0.000797 = 0.00080  
(i) 0.107 = 0.11  
(j) 0.0895 = 0.090  
(k) 0.00333 = 0.0033

10.

Complete the table.

Number	1 decimal place	2 decimal places	3 decimal places
1.7171	1.7	1.72	1.717
90.5359	90.5	90.54	90.536
111.2151	111.2	111.22	111.215
0.8216	0.8	0.82	0.822
62.9396	62.9	62.94	62.940
3.1267	3.1	3.13	3.127
2,229.9952	2230.0	2230.00	2229.995
835.7263	835.7	835.73	835.726
0.06482	0.1	0.06	0.065
21.9697	22.0	21.97	21.970
0.1239	0.1	0.12	0.124



11.

Complete the table.

Number	1 significant figure	2 significant figures	3 significant figures
7,275	7000	7300	7280
12,983	10000	13000	13000
33,666	30000	34000	33700
288,545	300000	290000	289000
19.34	20	19	19.3
828.3	800	830	828
2,309.9	2000	2300	2310
8,448	8000	8400	8450
79,999	80000	80000	80000
10,074	10000	10000	10100
0.01953	0.02	0.020	0.0195

12.

Complete the table.

Number	1 decimal place	2 significant figures	3 significant figures
45.19	45.2	45	45.2
516.57	516.6	520	517
1,095.22	1095.2	1100	1100
3,297.55	3297.6	3300	3300
0.05454	0.1	0.055	0.0545
10.1928	10.2	10	10.2
96,274.96	96275.0	96000	96300
220,428.45	220428.5	220000	220000
91.519	91.5	92	91.5
0.07345	0.1	0.073	0.0735
105,650.94	105650.9	110000	106000