

Solutions – Upper and Lower Bounds (A)

A number is 530 to the nearest 10. Find the upper bound.

Upper Bound: 535

A number is 121.25 to 2 decimal places. Find the upper bound.

Upper Bound: 121.255

A number is 880 to 3 significant figures. Find the lower bound.

Lower Bound: 879.5

A number is 150.033 to 3 decimal places. Find the lower bound.

Lower Bound: 150.0325

A number is 610 to the nearest 10. Find the upper bound.

Upper Bound: 615

A number is 91 to 2 significant figures. Find the lower bound.

Lower Bound: 90.5

Solutions – Upper and Lower Bounds (B)

A number is 1800 to the nearest 100. Find the upper bound.

Upper Bound: 1850

A number is 1300 to the nearest 100. Find the lower bound.

Lower Bound: 1250

A number is 796 to 3 significant figures. Find the upper bound.

Upper Bound: 796.5

A number is 185.8 to 1 decimal place. Find the upper bound.

Upper Bound: 185.85

A number is 996 to 3 significant figures. Find the lower bound.

Lower Bound: 995.5

A number is 189.481 to 3 decimal places. Find the lower bound.

Lower Bound: 189.4805

Solutions – Upper and Lower Bounds (C)

A number is 890 to 2 significant figures. Find the upper bound.

Upper Bound: 895

A number is 192.039 to 3 decimal places. Find the upper bound.

Upper Bound: 192.0395

A number is 1745 to the nearest whole number. Find the lower bound.

Lower Bound: 1744.5

A number is 181 to the nearest whole number. Find the lower bound.

Lower Bound: 180.5

A number is 42.792 to 3 decimal places. Find the upper bound.

Upper Bound: 42.7925

A number is 684 to 3 significant figures. Find the lower bound.

Lower Bound: 683.5

Solutions – Upper and Lower Bounds (D)

A number is 83 to the nearest whole number. Find the upper bound.

Upper Bound: 83.5

A number is 1350 to the nearest 10. Find the lower bound.

Lower Bound: 1345

A number is 18.37 to 2 decimal places. Find the lower bound.

Lower Bound: 18.365

A number is 82.238 to 3 decimal places. Find the upper bound.

Upper Bound: 82.2385

A number is 87 to 2 significant figures. Find the lower bound.

Lower Bound: 86.5

A number is 43 to 2 significant figures. Find the upper bound.

Upper Bound: 43.5

Solutions – Upper and Lower Bounds (E)

A number is 60 to the nearest 10. Find the lower bound.

Lower Bound: 55

A number is 470 to 2 significant figures. Find the lower bound.

Lower Bound: 465

A number is 159.046 to 3 decimal places. Find the upper bound.

Upper Bound: 159.0465

A number is 80.738 to 3 decimal places. Find the upper bound.

Upper Bound: 80.7385

A number is 545 to 3 significant figures. Find the lower bound.

Lower Bound: 544.5

A number is 461 to the nearest whole number. Find the upper bound.

Upper Bound: 461.5

Solutions – Upper and Lower Bounds (F)

A number is 192.840 to 3 decimal places. Find the lower bound.

Lower Bound: 192.8395

A number is 2000 to the nearest 100. Find the upper bound.

Upper Bound: 2050

A number is 300 to 2 significant figures. Find the lower bound.

Lower Bound: 295

A number is 43.236 to 3 decimal places. Find the upper bound.

Upper Bound: 43.2365

A number is 27.8 to 3 significant figures. Find the lower bound.

Lower Bound: 27.75

A number is 1390 to the nearest 10. Find the upper bound.

Upper Bound: 1395

Solutions – Upper and Lower Bounds (G)

A number is 33.9 to 1 decimal place. Find the lower bound.

Lower Bound: 33.85

A number is 370 to 2 significant figures. Find the upper bound.

Upper Bound: 375

A number is 1700 to the nearest 100. Find the upper bound.

Upper Bound: 1750

A number is 49.5 to 1 decimal place. Find the lower bound.

Lower Bound: 49.45

A number is 760 to the nearest 10. Find the upper bound.

Upper Bound: 765

A number is 750 to 2 significant figures. Find the lower bound.

Lower Bound: 745

Solutions – Upper and Lower Bounds (H)

A number is 94.955 to 3 decimal places. Find the lower bound.

Lower Bound: 94.9545

A number is 300 to 2 significant figures. Find the upper bound.

Upper Bound: 305

A number is 1434 to the nearest whole number. Find the lower bound.

Lower Bound: 1433.5

A number is 700 to the nearest 100. Find the upper bound.

Upper Bound: 750

A number is 135.4 to 1 decimal place. Find the lower bound.

Lower Bound: 135.35

A number is 440 to 2 significant figures. Find the upper bound.

Upper Bound: 445

Solutions – Upper and Lower Bounds (I)

A number is 147.9 to 1 decimal place. Find the lower bound.

Lower Bound: 147.85

A number is 1600 to the nearest 100. Find the lower bound.

Lower Bound: 1550

A number is 483 to 3 significant figures. Find the upper bound.

Upper Bound: 483.5

A number is 715 to 3 significant figures. Find the upper bound.

Upper Bound: 715.5

A number is 960 to the nearest whole number. Find the upper bound.

Upper Bound: 960.5

A number is 74.49 to 2 decimal places. Find the lower bound.

Lower Bound: 74.485

Solutions – Upper and Lower Bounds (J)

A number is 59 to the nearest whole number. Find the upper bound.

Upper Bound: 59.5

A number is 924 to 3 significant figures. Find the upper bound.

Upper Bound: 924.5

A number is 185.632 to 3 decimal places. Find the lower bound.

Lower Bound: 185.6315

A number is 20.41 to 2 decimal places. Find the lower bound.

Lower Bound: 20.405

A number is 400 to the nearest 100. Find the upper bound.

Upper Bound: 450

A number is 810 to 2 significant figures. Find the lower bound.

Lower Bound: 805