

Practice 1-3: Whole Number Rounding

Example:

Round 21 743 to the nearest...

Is 21 743 closer
to 21 740
or 21 750?

ten 21 940

hundred 21 900

Is 21 743 closer
to 21 700
or 21 800?

thousand 22 000

ten thousand 20 000

Is 21 743 closer
to 20 000
or 30 000?

Is 21 743 closer
to 21 000
or 22 000?

Round 12 509 to the nearest...

1) ten _____

2) hundred _____

3) thousand _____

4) ten thousand _____

Round 671 993 to the nearest...

5) ten _____

6) hundred _____

7) thousand _____

8) ten thousand _____

9) hundred thousand _____

Round 8 411 to the nearest...

10) ten _____

11) hundred _____

12) thousand _____

13) ten thousand _____

14) hundred thousand _____

Round 6 550 925 to the nearest...

15) ten _____

16) hundred _____

17) thousand _____

18) ten thousand _____

19) hundred thousand _____

20) million _____

Round to the nearest whole number.

Examples:

78.4 78

Is 78.4 closer
to 78 or 79?

27.89 28

Is 27.89 closer
to 27 or 28?

21) 8.1 _____

22) 87.77 _____

23) 45.09 _____

24) 0.298 _____

25) 612.93 _____

26) 99.501 _____

27) 877.2485 _____

28) 0.552 _____

Scientific Notation can be used to express very large (or very small) numbers.

Example 1:

20 000 000 = 2×10^7

Example 2:

2×10^7 = 20 000 000

Write in scientific notation.

29) 6 000 000 = _____

30) 4 000 000 000 = _____

31) 900 000 = _____

32) 70 000 000 000 000 = _____

33) 340 000 000 000 = _____

34) 87 000 000 = _____

Write in standard form.

35) 2×10^8 = _____

36) 5×10^{12} = _____

37) 4.9×10^{16} = _____