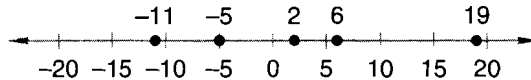


PROBLEM SET 1

1. (a) This 6 is in the ten-thousands' place, so it has a value of $6 \times 10,000$, or **60,000**.
 (b) This 9 is in the hundreds' place, so it has a value of 9×100 , or **900**.
 (c) This 3 is in the units' place, so it has a value of 3×1 , or **3**.
2. **334,333**
3. **3,666,766**
4. **39,959,992**
5. **41,000,200,520**
6. **507,640,090,042**
7. **407,000,090,742,072**
8. **980,000,470**
9. 517,236,428 is **five hundred seventeen million, two hundred thirty-six thousand, four hundred twenty-eight**
10. 90,807,060 is **ninety million, eight hundred seven thousand, sixty**
11. 32,000,000,652 is **thirty-two billion, six hundred fifty-two**
12. 3,250,009,111 is **three billion, two hundred fifty million, nine thousand, one hundred eleven**
13. 6,040,000 is **six million, forty thousand**
14. 99,019,900 is **ninety-nine million, nineteen thousand, nine hundred**
15. $(3 \times 100,000) + (4 \times 1000) + (2 \times 10)$
 $= 300,000 + 4000 + 20 = \mathbf{304,020}$
16. $(7 \times 10,000) + (8 \times 100) + (6 \times 10)$
 $= 70,000 + 800 + 60 = \mathbf{70,860}$
17. $(9 \times 1000) + (4 \times 100) + (5 \times 1)$
 $= 9000 + 400 + 5 = \mathbf{9405}$
18. $(7 \times 1,000,000) + (2 \times 10,000) + (6 \times 1000)$
 $= 7,000,000 + 20,000 + 6000 = \mathbf{7,026,000}$
19. $5280 = 5000 + 200 + 80$
 $= (5 \times 1000) + (2 \times 100) + (8 \times 10)$

20. $408 = 400 + 8 = (4 \times 100) + (8 \times 1)$
21. $70,600 = 70,000 + 600$
 $= (7 \times 10,000) + (6 \times 100)$
22. $21,000 = 20,000 + 1000$
 $= (2 \times 10,000) + (1 \times 1000)$
23. $4005 = 4000 + 5 = (4 \times 1000) + (5 \times 1)$
24. $9080 = 9000 + 80 = (9 \times 1000) + (8 \times 10)$
25.
$$\begin{array}{r} 43 \\ 76 \\ 84 \\ + 91 \\ \hline 294 \end{array}$$
26.
$$\begin{array}{r} 4628 \\ 5734 \\ + 8416 \\ \hline 18,778 \end{array}$$
27.
$$\begin{array}{r} \$53.58 \\ + \$52.78 \\ \hline \$106.36 \end{array}$$
28.
$$\begin{array}{r} 9056 \\ 4708 \\ + 9076 \\ \hline 22,840 \end{array}$$
29.
$$\begin{array}{r} 432 \\ 846 \\ 943 \\ + 721 \\ \hline 2942 \end{array}$$
30.
$$\begin{array}{r} \$3.64 \\ \$0.52 \\ + \$9.00 \\ \hline \$13.16 \end{array}$$

PROBLEM SET 2

1. 

-20 -15 -10 -5 0 5 10 15 20
2. **-415, 145, 154, 451, 514**
3. **249, 294, 429, 924, 942**
4.
$$\begin{array}{c} \downarrow \\ 4,185, \textcircled{2}70 \end{array}$$

 The rounded number is **4,185,300**.