

Math Sheet

Name _____ Score _____ / 25 Teacher _____ Date _____

Multiply decimals by powers of ten

Multiply each decimal by the given power of ten.

1.

49.39

× 10

2.

27.62

× 1000

3.

97.23

× 100

4.

40.68

× 100

5.

42.64

× 1000

6.

82.86

× 1000

7.

27.99

× 10

8.

64.52

× 100

9.

89.70

× 10

10.

83.05

× 100

11.

77.28

× 10

12.

31.08

× 100

13.

87.61

× 10

14.

85.51

× 1000

15.

93.15

× 10

16.

16.16

× 100

17.

36.01

× 10

18.

75.66

× 1000

19.

34.71

× 10

20.

32.47

× 10

21.

74.40

× 1000

22.

47.95

× 100

23.

92.12

× 1000

24.

98.47

× 10

25.

90.20

× 100

Math Sheet

Name _____ Score _____ / 25 Teacher _____ Date _____

Multiply decimals by powers of ten

Answer key

Multiply each decimal by the given power of ten.

- | | | | | | | | | | |
|-----|--|-----|--|-----|--|-----|--|-----|--|
| 1. | $\begin{array}{r} 49.39 \\ \times 10 \\ \hline 493.90 \end{array}$ | 2. | $\begin{array}{r} 27.62 \\ \times 1000 \\ \hline 27620.00 \end{array}$ | 3. | $\begin{array}{r} 97.23 \\ \times 100 \\ \hline 9723.00 \end{array}$ | 4. | $\begin{array}{r} 40.68 \\ \times 100 \\ \hline 4068.00 \end{array}$ | 5. | $\begin{array}{r} 42.64 \\ \times 1000 \\ \hline 42640.00 \end{array}$ |
| 6. | $\begin{array}{r} 82.86 \\ \times 1000 \\ \hline 82860.00 \end{array}$ | 7. | $\begin{array}{r} 27.99 \\ \times 10 \\ \hline 279.90 \end{array}$ | 8. | $\begin{array}{r} 64.52 \\ \times 100 \\ \hline 6452.00 \end{array}$ | 9. | $\begin{array}{r} 89.70 \\ \times 10 \\ \hline 897.00 \end{array}$ | 10. | $\begin{array}{r} 83.05 \\ \times 100 \\ \hline 8305.00 \end{array}$ |
| 11. | $\begin{array}{r} 77.28 \\ \times 10 \\ \hline 772.80 \end{array}$ | 12. | $\begin{array}{r} 31.08 \\ \times 100 \\ \hline 3108.00 \end{array}$ | 13. | $\begin{array}{r} 87.61 \\ \times 10 \\ \hline 876.10 \end{array}$ | 14. | $\begin{array}{r} 85.51 \\ \times 1000 \\ \hline 85510.00 \end{array}$ | 15. | $\begin{array}{r} 93.15 \\ \times 10 \\ \hline 931.50 \end{array}$ |
| 16. | $\begin{array}{r} 16.16 \\ \times 100 \\ \hline 1616.00 \end{array}$ | 17. | $\begin{array}{r} 36.01 \\ \times 10 \\ \hline 360.10 \end{array}$ | 18. | $\begin{array}{r} 75.66 \\ \times 1000 \\ \hline 75660.00 \end{array}$ | 19. | $\begin{array}{r} 34.71 \\ \times 10 \\ \hline 347.10 \end{array}$ | 20. | $\begin{array}{r} 32.47 \\ \times 10 \\ \hline 324.70 \end{array}$ |
| 21. | $\begin{array}{r} 74.40 \\ \times 1000 \\ \hline 74400.00 \end{array}$ | 22. | $\begin{array}{r} 47.95 \\ \times 100 \\ \hline 4795.00 \end{array}$ | 23. | $\begin{array}{r} 92.12 \\ \times 1000 \\ \hline 92120.00 \end{array}$ | 24. | $\begin{array}{r} 98.47 \\ \times 10 \\ \hline 984.70 \end{array}$ | 25. | $\begin{array}{r} 90.20 \\ \times 100 \\ \hline 9020.00 \end{array}$ |