

Multiplying by 10, 100 and 1,000

Multiply. Move the point to the right, one place for each 0.

Name _____ Date _____

1. $7.903 \times 1,000 =$ _____ 11. $267.6 \times 100 =$ _____ 21. $2.206 \times 100 =$ _____

2. $2.5 \times 100 =$ _____ 12. $5.4 \times 1,000 =$ _____ 22. $4.2 \times 1,000 =$ _____

3. $3.839 \times 100 =$ _____ 13. $139.2 \times 100 =$ _____ 23. $38.62 \times 10 =$ _____

4. $0.5 \times 100 =$ _____ 14. $0.09 \times 1,000 =$ _____ 24. $0.01 \times 1,000 =$ _____

5. $412.5 \times 1,000 =$ _____ 15. $9.23 \times 10 =$ _____ 25. $10.3 \times 1,000 =$ _____

6. $4.733 \times 100 =$ _____ 16. $448.5 \times 1,000 =$ _____ 26. $2.23 \times 100 =$ _____

7. $9.2 \times 1,000 =$ _____ 17. $5.3 \times 1,000 =$ _____ 27. $4.1 \times 100 =$ _____

8. $6.353 \times 1,000 =$ _____ 18. $26.04 \times 1,000 =$ _____ 28. $4.09 \times 10 =$ _____

9. $0.18 \times 1,000 =$ _____ 19. $0.92 \times 10 =$ _____ 29. $0.36 \times 10 =$ _____

10. $2.431 \times 100 =$ _____ 20. $5.131 \times 100 =$ _____ 30. $46.42 \times 1,000 =$ _____

Multiplying by 10, 100 and 1,000: answer key

Each answer, and how far the point moved.

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|---|--|
| 1. $7.903 \times 1,000 = 7,903$
The point moves 3 places to the right | 18. $26.04 \times 1,000 = 26,040$
The point moves 3 places to the right |
| 2. $2.5 \times 100 = 250$
The point moves 2 places to the right | 19. $0.92 \times 10 = 9.2$
The point moves 1 place to the right |
| 3. $3.839 \times 100 = 383.9$
The point moves 2 places to the right | 20. $5.131 \times 100 = 513.1$
The point moves 2 places to the right |
| 4. $0.5 \times 100 = 50$
The point moves 2 places to the right | 21. $2.206 \times 100 = 220.6$
The point moves 2 places to the right |
| 5. $412.5 \times 1,000 = 412,500$
The point moves 3 places to the right | 22. $4.2 \times 1,000 = 4,200$
The point moves 3 places to the right |
| 6. $4.733 \times 100 = 473.3$
The point moves 2 places to the right | 23. $38.62 \times 10 = 386.2$
The point moves 1 place to the right |
| 7. $9.2 \times 1,000 = 9,200$
The point moves 3 places to the right | 24. $0.01 \times 1,000 = 10$
The point moves 3 places to the right |
| 8. $6.353 \times 1,000 = 6,353$
The point moves 3 places to the right | 25. $10.3 \times 1,000 = 10,300$
The point moves 3 places to the right |
| 9. $0.18 \times 1,000 = 180$
The point moves 3 places to the right | 26. $2.23 \times 100 = 223$
The point moves 2 places to the right |
| 10. $2.431 \times 100 = 243.1$
The point moves 2 places to the right | 27. $4.1 \times 100 = 410$
The point moves 2 places to the right |
| 11. $267.6 \times 100 = 26,760$
The point moves 2 places to the right | 28. $4.09 \times 10 = 40.9$
The point moves 1 place to the right |
| 12. $5.4 \times 1,000 = 5,400$
The point moves 3 places to the right | 29. $0.36 \times 10 = 3.6$
The point moves 1 place to the right |
| 13. $139.2 \times 100 = 13,920$
The point moves 2 places to the right | 30. $46.42 \times 1,000 = 46,420$
The point moves 3 places to the right |
| 14. $0.09 \times 1,000 = 90$
The point moves 3 places to the right | |
| 15. $9.23 \times 10 = 92.3$
The point moves 1 place to the right | |
| 16. $448.5 \times 1,000 = 448,500$
The point moves 3 places to the right | |
| 17. $5.3 \times 1,000 = 5,300$
The point moves 3 places to the right | |