

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.

1. $7.903 \times 1,000 = 7,903$

The point moves 3 places to the right

2. $2.5 \times 100 = 250$

The point moves 2 places to the right

3. $3.839 \times 100 = 383.9$

The point moves 2 places to the right

4. $0.5 \times 100 = 50$

The point moves 2 places to the right

5. $412.5 \times 1,000 = 412,500$

The point moves 3 places to the right

6. $4.733 \times 100 = 473.3$

The point moves 2 places to the right

7. $9.2 \times 1,000 = 9,200$

The point moves 3 places to the right

8. $6.353 \times 1,000 = 6,353$

The point moves 3 places to the right

9. $0.18 \times 1,000 = 180$

The point moves 3 places to the right

10. $2.431 \times 100 = 243.1$

The point moves 2 places to the right

11. $267.6 \times 100 = 26,760$

The point moves 2 places to the right

12. $5.4 \times 1,000 = 5,400$

The point moves 3 places to the right

13. $139.2 \times 100 = 13,920$

The point moves 2 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

18. $26.04 \times 1,000 = 26,040$

The point moves 3 places to the right

19. $0.92 \times 10 = 9.2$

The point moves 1 place to the right

20. $5.131 \times 100 = 513.1$

The point moves 2 places to the right

21. $2.206 \times 100 = 220.6$

The point moves 2 places to the right

22. $4.2 \times 1,000 = 4,200$

The point moves 3 places to the right

23. $38.62 \times 10 = 386.2$

The point moves 1 place to the right

24. $0.01 \times 1,000 = 10$

The point moves 3 places to the right

25. $10.3 \times 1,000 = 10,300$

The point moves 3 places to the right

26. $2.23 \times 100 = 223$

The point moves 2 places to the right

27. $4.1 \times 100 = 410$

The point moves 2 places to the right

28. $4.09 \times 10 = 40.9$

The point moves 1 place to the right

29. $0.36 \times 10 = 3.6$

The point moves 1 place to the right

30. $46.42 \times 1,000 = 46,420$

The point moves 3 places to the right