

Multiplication Skill 5 - 5B

Multiplication Patterns

Answers to test question 5B.

$1 \times 0.5 = 0.5$

$10 \times 0.5 = 5$

$100 \times 0.5 = 50$

$1,000 \times 0.5 = 500$

multiply by 10 – move decimal point one place to the right

multiply by 100 – move decimal point two places to the right

multiply by 1,000 – move decimal point three places to the right

Here are a few more examples.

$1 \times 0.734 = 0.734$	$1 \times 2.421 = 2.421$	$1 \times 0.003 = 0.003$
$10 \times 0.734 = 7.34$	$10 \times 2.421 = 24.21$	$10 \times 0.003 = 0.03$
$100 \times 0.734 = 73.4$	$100 \times 2.421 = 242.1$	$100 \times 0.003 = 0.3$
$1,000 \times 0.742 = 734$	$1,000 \times 2.421 = 2,421$	$1,000 \times 0.003 = 3$

Multiply

1. 1×0.826

10×0.826

100×0.826

$1,000 \times 0.826$

2. 1×0.005

10×0.005

100×0.005

$1,000 \times 0.005$

3. 1×1.397

10×1.397

100×1.397

$1,000 \times 1.397$

4. 1×4.532

10×4.532

100×4.532

$1,000 \times 4.532$

5. 1×0.25

10×0.25

100×0.25

$1,000 \times 0.25$

6. 1×3.002

10×3.002

100×3.002

$1,000 \times 3.002$

7. 1×0.014

10×0.014

100×0.014

$1,000 \times 0.014$

8. 1×0.3

10×0.3

100×0.3

$1,000 \times 0.3$

9. 1×3.1

10×3.1

100×3.1

$1,000 \times 3.1$

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10. 1×0.312

10×0.312

100×0.312

$1,000 \times 0.312$

11. 1×0.5823

10×0.5823

100×0.5823

$1,000 \times 0.5823$

12. 1×0.0005

10×0.0005

100×0.0005

$1,000 \times 0.0005$

13. 1×0.75

10×0.75

100×0.75

$1,000 \times 0.75$

14. 1×0.08

10×0.08

100×0.08

$1,000 \times 0.08$

15. 1×0.2851

10×0.2851

100×0.2851

$1,000 \times 0.2851$

16. 1×0.1273

10×0.1273

100×0.1273

$1,000 \times 0.1273$

17. 1×0.0001

10×0.0001

100×0.0001

$1,000 \times 0.0001$

18. 1×0.02

10×0.02

100×0.02

$1,000 \times 0.02$

19. $1 \times \$3.25$

$10 \times \$3.25$

$100 \times \$3.25$

$1,000 \times \$3.25$

Multiplication Skill 5 - 5B

Multiplication Patterns

20. 1×0.34

10×0.34

100×0.34

$1,000 \times 0.34$

21. 1×0.4

10×0.4

100×0.4

$1,000 \times 0.4$

22. 1×0.57

10×0.57

100×0.57

$1,000 \times 0.57$

23. 1×5.3276

10×5.3276

100×5.3276

$1,000 \times 5.3276$

24. $1 \times \$12.01$

$10 \times \$12.01$

$100 \times \$12.01$

$1,000 \times \$12.01$

25. 1×3.002

10×3.002

100×3.002

$1,000 \times 3.002$

26. 1×5.6125

10×5.6125

100×5.6125

$1,000 \times 5.6125$

27. 1×0.0002

10×0.0002

100×0.0002

$1,000 \times 0.0002$

28. 1×3.4751

10×3.4751

100×3.4751

$1,000 \times 3.4751$

29. 1×8.6234

10×8.6234

100×8.6234

$1,000 \times 8.6234$

Answer Key
Skill 5 - 5B

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|--|--|--|--|--|---|
| 1. 0.826
8.29
82.6
826 | 2. 0.005
0.05
0.5
5 | 3. 1.397
13.97
139.7
1397 | 4. 4.532
45.32
453.2
4,532 | 5. 0.25
2.5
25
250 | 6. 3.002
30.02
300.2
3002 |
| 7. 0.014
0.14
1.4
14 | 8. 0.3
3
30
300 | 9. 3.1
31
310
3100 | 10. 0.312
3.12
31.2
312 | 11. 0.5823
5.823
58.23
582.3 | 12. 0.0005
0.005
0.05
0.5 |
| 13. 0.75
7.5
75
750 | 14. 0.08
0.8
8
80 | 15. 0.2851
2.851
28.51
285.1 | 16. 0.1273
1.273
12.73
127.3 | 17. 0.0001
0.001
0.01
0.1 | 18. 0.02
0.2
2
20 |
| 19. \$3.25
\$32.50
\$325
\$3,250 | 20. 0.34
3.4
34
340 | 21. 0.4
4
40
400 | 22. 0.57
5.7
57
570 | 23. 5.3276
53.276
532.76
5,327.6 | 24. \$12.01
\$120.10
\$1,201
\$12,010 |
| 25. 3.002
30.02
300.2
3,002 | 26. 5.6125
56.125
561.25
5,612.5 | 27. 0.0002
0.002
0.02
0.2 | 28. 3.4751
34.751
347.51
3,475.1 | 29. 8.6234
86.234
862.34
8,623.4 | |