

Multiply a decimal by a power of ten

NAME	DATE	SCORE / 10
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1 $10.2 \times 100 = ?$

2 What happens to the digits when 95.7 is multiplied by 1,000?

- ☐ Each digit moves 3 places to the left.
 ☐ Three zeros are written at the end.
☐ Each digit moves 3 places to the right.
 ☐ Each digit moves 2 places to the left.

3 $64.224 \times 10 = ?$

4 What happens to the digits when 60.208 is multiplied by 10?

- ☐ Each digit moves 1 place to the right.
 ☐ Each digit moves 1 place to the left.
☐ One zero is written at the end.
 ☐ Each digit moves 2 places to the left.

5 $14.4 \times 1,000 = ?$

6 What happens to the digits when 72.9 is multiplied by 100?

- ☐ Each digit moves 2 places to the right.
 ☐ Two zeros are written at the end.
☐ Each digit moves 1 place to the left.
 ☐ Each digit moves 2 places to the left.

7 $69.3 \times 100 = ?$

8 What happens to the digits when 48.42 is multiplied by 10?

- ☐ Each digit moves 1 place to the left. ☐ One zero is written at the end.
☐ Each digit moves 2 places to the left. ☐ Each digit moves 1 place to the right.

9 $87.204 \times 10 = ?$

10 What happens to the digits when 21.1 is multiplied by 1,000?

- ☐ Each digit moves 3 places to the left. ☐ Three zeros are written at the end.
☐ Each digit moves 3 places to the right. ☐ Each digit moves 2 places to the left.

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1 1,020

3 642.24

5 14,400

7 6,930

9 872.04

2 Each digit moves 3 places to the left.

4 Each digit moves 1 place to the left.

6 Each digit moves 2 places to the left.

8 Each digit moves 1 place to the left.

10 Each digit moves 3 places to the left.