



Understanding Multiplying Decimals

Name: _____

Solve each problem.

- 1) If $10 \times 4 = 40$, then $1 \times 0.04 =$ _____
- 2) If $2 \times 7 = 14$, then $0.002 \times 0.007 =$ _____
- 3) If $2 \times 7 = 14$, then $0.02 \times 0.007 =$ _____
- 4) If $4 \times 6 = 24$, then $0.04 \times 0.6 =$ _____
- 5) If $10 \times 5 = 50$, then $0.1 \times 0.05 =$ _____
- 6) If $2 \times 3 = 6$, then $0.2 \times 0.003 =$ _____
- 7) If $9 \times 8 = 72$, then $0.09 \times 0.008 =$ _____
- 8) If $3 \times 9 = 27$, then $0.003 \times 0.009 =$ _____
- 9) If $7 \times 10 = 70$, then $0.7 \times 0.01 =$ _____
- 10) If $8 \times 9 = 72$, then $0.08 \times 0.09 =$ _____
- 11) If $4 \times 4 = 16$, then $0.004 \times 0.4 =$ _____
- 12) If $8 \times 3 = 24$, then $0.008 \times 0.003 =$ _____
- 13) If $2 \times 7 = 14$, then $0.2 \times 0.7 =$ _____
- 14) If $10 \times 8 = 80$, then $1 \times 0.8 =$ _____
- 15) If $3 \times 9 = 27$, then $0.003 \times 0.9 =$ _____
- 16) If $9 \times 3 = 27$, then $0.09 \times 0.3 =$ _____
- 17) If $2 \times 8 = 16$, then $0.002 \times 0.08 =$ _____
- 18) If $9 \times 6 = 54$, then $0.9 \times 0.6 =$ _____
- 19) If $8 \times 5 = 40$, then $0.008 \times 0.05 =$ _____
- 20) If $3 \times 7 = 21$, then $0.3 \times 0.007 =$ _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Solve each problem.

1) If $10 \times 4 = 40$, then $1 \times 0.04 = \underline{0.04}$

Answers1. **0.04**

2) If $2 \times 7 = 14$, then $0.002 \times 0.007 = \underline{0.000014}$

2. **0.000014**

3) If $2 \times 7 = 14$, then $0.02 \times 0.007 = \underline{0.00014}$

3. **0.00014**

4) If $4 \times 6 = 24$, then $0.04 \times 0.6 = \underline{0.024}$

4. **0.024**

5) If $10 \times 5 = 50$, then $0.1 \times 0.05 = \underline{0.005}$

5. **0.005**

6) If $2 \times 3 = 6$, then $0.2 \times 0.003 = \underline{0.0006}$

6. **0.0006**

7) If $9 \times 8 = 72$, then $0.09 \times 0.008 = \underline{0.00072}$

7. **0.00072**

8) If $3 \times 9 = 27$, then $0.003 \times 0.009 = \underline{0.000027}$

8. **0.000027**

9) If $7 \times 10 = 70$, then $0.7 \times 0.01 = \underline{0.007}$

9. **0.007**

10) If $8 \times 9 = 72$, then $0.08 \times 0.09 = \underline{0.0072}$

10. **0.0072**

11) If $4 \times 4 = 16$, then $0.004 \times 0.4 = \underline{0.0016}$

11. **0.0016**

12) If $8 \times 3 = 24$, then $0.008 \times 0.003 = \underline{0.000024}$

12. **0.000024**

13) If $2 \times 7 = 14$, then $0.2 \times 0.7 = \underline{0.14}$

13. **0.14**

14) If $10 \times 8 = 80$, then $1 \times 0.8 = \underline{0.8}$

14. **0.8**

15) If $3 \times 9 = 27$, then $0.003 \times 0.9 = \underline{0.0027}$

15. **0.0027**

16) If $9 \times 3 = 27$, then $0.09 \times 0.3 = \underline{0.027}$

16. **0.027**

17) If $2 \times 8 = 16$, then $0.002 \times 0.08 = \underline{0.00016}$

17. **0.00016**

18) If $9 \times 6 = 54$, then $0.9 \times 0.6 = \underline{0.54}$

18. **0.54**

19) If $8 \times 5 = 40$, then $0.008 \times 0.05 = \underline{0.0004}$

19. **0.0004**

20) If $3 \times 7 = 21$, then $0.3 \times 0.007 = \underline{0.0021}$

20. **0.0021**