



Understanding Multiplying Decimals

Name: _____

Solve each problem.

- 1) If $2 \times 5 = 10$, then $0.002 \times 0.5 =$ _____
- 2) If $5 \times 8 = 40$, then $0.005 \times 0.008 =$ _____
- 3) If $8 \times 8 = 64$, then $0.008 \times 0.08 =$ _____
- 4) If $9 \times 4 = 36$, then $0.09 \times 0.4 =$ _____
- 5) If $2 \times 6 = 12$, then $0.002 \times 0.06 =$ _____
- 6) If $4 \times 6 = 24$, then $0.004 \times 0.6 =$ _____
- 7) If $2 \times 6 = 12$, then $0.002 \times 0.06 =$ _____
- 8) If $2 \times 10 = 20$, then $0.2 \times 1 =$ _____
- 9) If $3 \times 5 = 15$, then $0.03 \times 0.05 =$ _____
- 10) If $2 \times 4 = 8$, then $0.002 \times 0.4 =$ _____
- 11) If $2 \times 5 = 10$, then $0.02 \times 0.005 =$ _____
- 12) If $7 \times 9 = 63$, then $0.007 \times 0.009 =$ _____
- 13) If $7 \times 4 = 28$, then $0.07 \times 0.004 =$ _____
- 14) If $2 \times 6 = 12$, then $0.02 \times 0.006 =$ _____
- 15) If $2 \times 4 = 8$, then $0.002 \times 0.004 =$ _____
- 16) If $7 \times 2 = 14$, then $0.7 \times 0.002 =$ _____
- 17) If $8 \times 3 = 24$, then $0.08 \times 0.3 =$ _____
- 18) If $7 \times 5 = 35$, then $0.7 \times 0.005 =$ _____
- 19) If $7 \times 10 = 70$, then $0.07 \times 1 =$ _____
- 20) If $7 \times 6 = 42$, then $0.7 \times 0.06 =$ _____

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 $2 \times 5 = 10$, then $0.002 \times 0.5 = \underline{0.001}$
- 2) If $5 \times 8 = 40$, then $0.005 \times 0.008 = \underline{0.00004}$
- 3) If $8 \times 8 = 64$, then $0.008 \times 0.08 = \underline{0.00064}$
- 4) If $9 \times 4 = 36$, then $0.09 \times 0.4 = \underline{0.036}$
- 5) If $2 \times 6 = 12$, then $0.002 \times 0.06 = \underline{0.00012}$
- 6) If $4 \times 6 = 24$, then $0.004 \times 0.6 = \underline{0.0024}$
- 7) If $2 \times 6 = 12$, then $0.002 \times 0.06 = \underline{0.00012}$
- 8) If $2 \times 10 = 20$, then $0.2 \times 1 = \underline{0.2}$
- 9) If $3 \times 5 = 15$, then $0.03 \times 0.05 = \underline{0.0015}$
- 10) If $2 \times 4 = 8$, then $0.002 \times 0.4 = \underline{0.0008}$
- 11) If $2 \times 5 = 10$, then $0.02 \times 0.005 = \underline{0.0001}$
- 12) If $7 \times 9 = 63$, then $0.007 \times 0.009 = \underline{0.000063}$
- 13) If $7 \times 4 = 28$, then $0.07 \times 0.004 = \underline{0.00028}$
- 14) If $2 \times 6 = 12$, then $0.02 \times 0.006 = \underline{0.00012}$
- 15) If $2 \times 4 = 8$, then $0.002 \times 0.004 = \underline{0.000008}$
- 16) If $7 \times 2 = 14$, then $0.7 \times 0.002 = \underline{0.0014}$
- 17) If $8 \times 3 = 24$, then $0.08 \times 0.3 = \underline{0.024}$
- 18) If $7 \times 5 = 35$, then $0.7 \times 0.005 = \underline{0.0035}$
- 19) If $7 \times 10 = 70$, then $0.07 \times 1 = \underline{0.07}$
- 20) If $7 \times 6 = 42$, then $0.7 \times 0.06 = \underline{0.042}$

Answers

1. **0.001**
2. **0.00004**
3. **0.00064**
4. **0.036**
5. **0.00012**
6. **0.0024**
7. **0.00012**
8. **0.2**
9. **0.0015**
10. **0.0008**
11. **0.0001**
12. **0.000063**
13. **0.00028**
14. **0.00012**
15. **0.000008**
16. **0.0014**
17. **0.024**
18. **0.0035**
19. **0.07**
20. **0.042**