

Understanding Multiplying Decimals

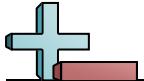
Name: _____

Solve each problem.

- 1) If $7 \times 2 = 14$, then $0.007 \times 0.02 =$ _____
- 2) If $5 \times 7 = 35$, then $0.5 \times 0.07 =$ _____
- 3) If $10 \times 2 = 20$, then $0.1 \times 0.2 =$ _____
- 4) If $3 \times 8 = 24$, then $0.03 \times 0.08 =$ _____
- 5) If $6 \times 4 = 24$, then $0.006 \times 0.4 =$ _____
- 6) If $4 \times 4 = 16$, then $0.04 \times 0.004 =$ _____
- 7) If $3 \times 4 = 12$, then $0.003 \times 0.04 =$ _____
- 8) If $9 \times 3 = 27$, then $0.009 \times 0.003 =$ _____
- 9) If $4 \times 9 = 36$, then $0.004 \times 0.9 =$ _____
- 10) If $3 \times 10 = 30$, then $0.03 \times 0.01 =$ _____
- 11) If $8 \times 2 = 16$, then $0.008 \times 0.002 =$ _____
- 12) If $9 \times 8 = 72$, then $0.9 \times 0.08 =$ _____
- 13) If $4 \times 10 = 40$, then $0.04 \times 1 =$ _____
- 14) If $7 \times 10 = 70$, then $0.007 \times 0.1 =$ _____
- 15) If $8 \times 6 = 48$, then $0.08 \times 0.06 =$ _____
- 16) If $9 \times 10 = 90$, then $0.9 \times 0.01 =$ _____
- 17) If $3 \times 7 = 21$, then $0.03 \times 0.007 =$ _____
- 18) If $8 \times 7 = 56$, then $0.008 \times 0.007 =$ _____
- 19) If $10 \times 5 = 50$, then $1 \times 0.5 =$ _____
- 20) If $8 \times 2 = 16$, then $0.8 \times 0.002 =$ _____

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 $7 \times 2 = 14$, then $0.007 \times 0.02 = \underline{\hspace{1cm}0.00014}$
- 2) If $5 \times 7 = 35$, then $0.5 \times 0.07 = \underline{\hspace{1cm}0.035}$
- 3) If $10 \times 2 = 20$, then $0.1 \times 0.2 = \underline{\hspace{1cm}0.02}$
- 4) If $3 \times 8 = 24$, then $0.03 \times 0.08 = \underline{\hspace{1cm}0.0024}$
- 5) If $6 \times 4 = 24$, then $0.006 \times 0.4 = \underline{\hspace{1cm}0.0024}$
- 6) If $4 \times 4 = 16$, then $0.04 \times 0.004 = \underline{\hspace{1cm}0.00016}$
- 7) If $3 \times 4 = 12$, then $0.003 \times 0.04 = \underline{\hspace{1cm}0.00012}$
- 8) If $9 \times 3 = 27$, then $0.009 \times 0.003 = \underline{\hspace{1cm}0.000027}$
- 9) If $4 \times 9 = 36$, then $0.004 \times 0.9 = \underline{\hspace{1cm}0.0036}$
- 10) If $3 \times 10 = 30$, then $0.03 \times 0.01 = \underline{\hspace{1cm}0.0003}$
- 11) If $8 \times 2 = 16$, then $0.008 \times 0.002 = \underline{\hspace{1cm}0.000016}$
- 12) If $9 \times 8 = 72$, then $0.9 \times 0.08 = \underline{\hspace{1cm}0.072}$
- 13) If $4 \times 10 = 40$, then $0.04 \times 1 = \underline{\hspace{1cm}0.04}$
- 14) If $7 \times 10 = 70$, then $0.007 \times 0.1 = \underline{\hspace{1cm}0.0007}$
- 15) If $8 \times 6 = 48$, then $0.08 \times 0.06 = \underline{\hspace{1cm}0.0048}$
- 16) If $9 \times 10 = 90$, then $0.9 \times 0.01 = \underline{\hspace{1cm}0.009}$
- 17) If $3 \times 7 = 21$, then $0.03 \times 0.007 = \underline{\hspace{1cm}0.00021}$
- 18) If $8 \times 7 = 56$, then $0.008 \times 0.007 = \underline{\hspace{1cm}0.000056}$
- 19) If $10 \times 5 = 50$, then $1 \times 0.5 = \underline{\hspace{1cm}0.5}$
- 20) If $8 \times 2 = 16$, then $0.8 \times 0.002 = \underline{\hspace{1cm}0.0016}$

Answers1. **0.00014**2. **0.035**3. **0.02**4. **0.0024**5. **0.0024**6. **0.00016**7. **0.00012**8. **0.000027**9. **0.0036**10. **0.0003**11. **0.000016**12. **0.072**13. **0.04**14. **0.0007**15. **0.0048**16. **0.009**17. **0.00021**18. **0.000056**19. **0.5**20. **0.0016**