



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $3 \times 4 = 12$, then $0.3 \times 0.04 =$ _____

Answers

1. _____

2) If $10 \times 9 = 90$, then $0.01 \times 0.09 =$ _____

2. _____

3) If $2 \times 5 = 10$, then $0.2 \times 0.005 =$ _____

3. _____

4) If $2 \times 7 = 14$, then $0.2 \times 0.007 =$ _____

4. _____

5) If $8 \times 3 = 24$, then $0.008 \times 0.003 =$ _____

5. _____

6) If $2 \times 9 = 18$, then $0.2 \times 0.09 =$ _____

6. _____

7) If $7 \times 7 = 49$, then $0.7 \times 0.7 =$ _____

7. _____

8) If $10 \times 9 = 90$, then $0.1 \times 0.9 =$ _____

8. _____

9) If $6 \times 8 = 48$, then $0.6 \times 0.08 =$ _____

9. _____

10) If $7 \times 9 = 63$, then $0.007 \times 0.9 =$ _____

10. _____

11) If $6 \times 8 = 48$, then $0.6 \times 0.8 =$ _____

11. _____

12) If $4 \times 5 = 20$, then $0.4 \times 0.5 =$ _____

12. _____

13) If $6 \times 4 = 24$, then $0.06 \times 0.004 =$ _____

13. _____

14) If $4 \times 4 = 16$, then $0.004 \times 0.04 =$ _____

14. _____

15) If $5 \times 6 = 30$, then $0.05 \times 0.06 =$ _____

15. _____

16) If $2 \times 4 = 8$, then $0.02 \times 0.04 =$ _____

16. _____

17) If $10 \times 7 = 70$, then $0.01 \times 0.007 =$ _____

17. _____

18) If $2 \times 10 = 20$, then $0.002 \times 1 =$ _____

18. _____

19) If $4 \times 5 = 20$, then $0.04 \times 0.005 =$ _____

19. _____

20) If $2 \times 2 = 4$, then $0.002 \times 0.02 =$ _____

20. _____

**Solve each problem.**

1) If $3 \times 4 = 12$, then $0.3 \times 0.04 = \underline{0.012}$

Answers1. **0.012**

2) If $10 \times 9 = 90$, then $0.01 \times 0.09 = \underline{0.0009}$

2. **0.0009**

3) If $2 \times 5 = 10$, then $0.2 \times 0.005 = \underline{0.001}$

3. **0.001**

4) If $2 \times 7 = 14$, then $0.2 \times 0.007 = \underline{0.0014}$

4. **0.0014**

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

5. **0.000024**

6) If $2 \times 9 = 18$, then $0.2 \times 0.09 = \underline{0.018}$

6. **0.018**

7) If $7 \times 7 = 49$, then $0.7 \times 0.7 = \underline{0.49}$

7. **0.49**

8) If $10 \times 9 = 90$, then $0.1 \times 0.9 = \underline{0.09}$

8. **0.09**

9) If $6 \times 8 = 48$, then $0.6 \times 0.08 = \underline{0.048}$

9. **0.048**

10) If $7 \times 9 = 63$, then $0.007 \times 0.9 = \underline{0.0063}$

10. **0.0063**

11) If $6 \times 8 = 48$, then $0.6 \times 0.8 = \underline{0.48}$

11. **0.48**

12) If $4 \times 5 = 20$, then $0.4 \times 0.5 = \underline{0.2}$

12. **0.2**

13) If $6 \times 4 = 24$, then $0.06 \times 0.004 = \underline{0.00024}$

13. **0.00024**

14) If $4 \times 4 = 16$, then $0.004 \times 0.04 = \underline{0.00016}$

14. **0.00016**

15) If $5 \times 6 = 30$, then $0.05 \times 0.06 = \underline{0.003}$

15. **0.003**

16) If $2 \times 4 = 8$, then $0.02 \times 0.04 = \underline{0.0008}$

16. **0.0008**

17) If $10 \times 7 = 70$, then $0.01 \times 0.007 = \underline{0.00007}$

17. **0.00007**

18) If $2 \times 10 = 20$, then $0.002 \times 1 = \underline{0.002}$

18. **0.002**

19) If $4 \times 5 = 20$, then $0.04 \times 0.005 = \underline{0.0002}$

19. **0.0002**

20) If $2 \times 2 = 4$, then $0.002 \times 0.02 = \underline{0.00004}$

20. **0.00004**