



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $10 \times 10 = 100$, then $1 \times 1 =$ _____

2) If $3 \times 8 = 24$, then $0.3 \times 0.08 =$ _____

3) If $6 \times 5 = 30$, then $0.06 \times 0.005 =$ _____

4) If $2 \times 6 = 12$, then $0.02 \times 0.6 =$ _____

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

6) If $2 \times 3 = 6$, then $0.002 \times 0.03 =$ _____

7) If $2 \times 9 = 18$, then $0.02 \times 0.9 =$ _____

8) If $7 \times 4 = 28$, then $0.07 \times 0.04 =$ _____

9) If $5 \times 6 = 30$, then $0.005 \times 0.006 =$ _____

10) If $9 \times 8 = 72$, then $0.9 \times 0.8 =$ _____

11) If $6 \times 5 = 30$, then $0.06 \times 0.5 =$ _____

12) If $10 \times 9 = 90$, then $1 \times 0.009 =$ _____

13) If $3 \times 10 = 30$, then $0.003 \times 1 =$ _____

14) If $7 \times 8 = 56$, then $0.007 \times 0.8 =$ _____

15) If $6 \times 9 = 54$, then $0.6 \times 0.009 =$ _____

16) If $3 \times 9 = 27$, then $0.003 \times 0.09 =$ _____

17) If $5 \times 8 = 40$, then $0.005 \times 0.008 =$ _____

18) If $4 \times 9 = 36$, then $0.04 \times 0.009 =$ _____

19) If $6 \times 7 = 42$, then $0.6 \times 0.007 =$ _____

20) If $2 \times 5 = 10$, then $0.02 \times 0.005 =$ _____

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 $10 \times 10 = 100$, then $1 \times 1 = \underline{\hspace{1cm}}$

1. **1.**

2) If $3 \times 8 = 24$, then $0.3 \times 0.08 = \underline{\hspace{1cm}}$

2. **0.024**

3) If $6 \times 5 = 30$, then $0.06 \times 0.005 = \underline{\hspace{1cm}}$

3. **0.0003**

4) If $2 \times 6 = 12$, then $0.02 \times 0.6 = \underline{\hspace{1cm}}$

4. **0.012**

5) If $6 \times 8 = 48$, then $0.6 \times 0.08 = \underline{\hspace{1cm}}$

5. **0.048**

6) If $2 \times 3 = 6$, then $0.002 \times 0.03 = \underline{\hspace{1cm}}$

6. **0.00006**

7) If $2 \times 9 = 18$, then $0.02 \times 0.9 = \underline{\hspace{1cm}}$

7. **0.018**

8) If $7 \times 4 = 28$, then $0.07 \times 0.04 = \underline{\hspace{1cm}}$

8. **0.0028**

9) If $5 \times 6 = 30$, then $0.005 \times 0.006 = \underline{\hspace{1cm}}$

9. **0.00003**

10) If $9 \times 8 = 72$, then $0.9 \times 0.8 = \underline{\hspace{1cm}}$

10. **0.72**

11) If $6 \times 5 = 30$, then $0.06 \times 0.5 = \underline{\hspace{1cm}}$

11. **0.03**

12) If $10 \times 9 = 90$, then $1 \times 0.009 = \underline{\hspace{1cm}}$

12. **0.009**

13) If $3 \times 10 = 30$, then $0.003 \times 1 = \underline{\hspace{1cm}}$

13. **0.003**

14) If $7 \times 8 = 56$, then $0.007 \times 0.8 = \underline{\hspace{1cm}}$

14. **0.0056**

15) If $6 \times 9 = 54$, then $0.6 \times 0.009 = \underline{\hspace{1cm}}$

15. **0.0054**

16) If $3 \times 9 = 27$, then $0.003 \times 0.09 = \underline{\hspace{1cm}}$

16. **0.00027**

17) If $5 \times 8 = 40$, then $0.005 \times 0.008 = \underline{\hspace{1cm}}$

17. **0.00004**

18) If $4 \times 9 = 36$, then $0.04 \times 0.009 = \underline{\hspace{1cm}}$

18. **0.00036**

19) If $6 \times 7 = 42$, then $0.6 \times 0.007 = \underline{\hspace{1cm}}$

19. **0.0042**

20) If $2 \times 5 = 10$, then $0.02 \times 0.005 = \underline{\hspace{1cm}}$

20. **0.0001****Answers**1. **1.**2. **0.024**3. **0.0003**4. **0.012**5. **0.048**6. **0.00006**7. **0.018**8. **0.0028**9. **0.00003**10. **0.72**11. **0.03**12. **0.009**13. **0.003**14. **0.0056**15. **0.0054**16. **0.00027**17. **0.00004**18. **0.00036**19. **0.0042**20. **0.0001**