



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $4 \times 9 = 36$, then $0.4 \times 0.09 =$ _____

Answers

1. _____

2) If $7 \times 6 = 42$, then $0.7 \times 0.006 =$ _____

2. _____

3) If $3 \times 6 = 18$, then $0.03 \times 0.6 =$ _____

3. _____

4) If $8 \times 10 = 80$, then $0.8 \times 1 =$ _____

4. _____

5) If $3 \times 6 = 18$, then $0.03 \times 0.06 =$ _____

5. _____

6) If $5 \times 8 = 40$, then $0.5 \times 0.08 =$ _____

6. _____

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

7. _____

8) If $10 \times 6 = 60$, then $1 \times 0.006 =$ _____

8. _____

9) If $9 \times 9 = 81$, then $0.009 \times 0.09 =$ _____

9. _____

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

10. _____

11) If $3 \times 3 = 9$, then $0.003 \times 0.003 =$ _____

11. _____

12) If $6 \times 3 = 18$, then $0.6 \times 0.03 =$ _____

12. _____

13) If $9 \times 5 = 45$, then $0.09 \times 0.005 =$ _____

13. _____

14) If $8 \times 4 = 32$, then $0.008 \times 0.4 =$ _____

14. _____

15) If $8 \times 7 = 56$, then $0.008 \times 0.07 =$ _____

15. _____

16) If $7 \times 3 = 21$, then $0.007 \times 0.003 =$ _____

16. _____

17) If $6 \times 5 = 30$, then $0.006 \times 0.5 =$ _____

17. _____

18) If $3 \times 5 = 15$, then $0.03 \times 0.005 =$ _____

18. _____

19) If $7 \times 8 = 56$, then $0.007 \times 0.008 =$ _____

19. _____

20) If $6 \times 4 = 24$, then $0.06 \times 0.4 =$ _____

20. _____



Solve each problem.

1) If $4 \times 9 = 36$, then $0.4 \times 0.09 = \underline{0.036}$

Answers

1. **0.036**

2) If $7 \times 6 = 42$, then $0.7 \times 0.006 = \underline{0.0042}$

2. **0.0042**

3) If $3 \times 6 = 18$, then $0.03 \times 0.6 = \underline{0.018}$

3. **0.018**

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

4. **0.8**

5) If $3 \times 6 = 18$, then $0.03 \times 0.06 = \underline{0.0018}$

5. **0.0018**

6) If $5 \times 8 = 40$, then $0.5 \times 0.08 = \underline{0.04}$

6. **0.04**

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

7. **0.00024**

8) If $10 \times 6 = 60$, then $1 \times 0.006 = \underline{0.006}$

8. **0.006**

9) If $9 \times 9 = 81$, then $0.009 \times 0.09 = \underline{0.00081}$

9. **0.00081**

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

10. **0.003**

11) If $3 \times 3 = 9$, then $0.003 \times 0.003 = \underline{0.000009}$

11. **0.000009**

12) If $6 \times 3 = 18$, then $0.6 \times 0.03 = \underline{0.018}$

12. **0.018**

13) If $9 \times 5 = 45$, then $0.09 \times 0.005 = \underline{0.00045}$

13. **0.00045**

14) If $8 \times 4 = 32$, then $0.008 \times 0.4 = \underline{0.0032}$

14. **0.0032**

15) If $8 \times 7 = 56$, then $0.008 \times 0.07 = \underline{0.00056}$

15. **0.00056**

16) If $7 \times 3 = 21$, then $0.007 \times 0.003 = \underline{0.000021}$

16. **0.000021**

17) If $6 \times 5 = 30$, then $0.006 \times 0.5 = \underline{0.003}$

17. **0.003**

18) If $3 \times 5 = 15$, then $0.03 \times 0.005 = \underline{0.00015}$

18. **0.00015**

19) If $7 \times 8 = 56$, then $0.007 \times 0.008 = \underline{0.000056}$

19. **0.000056**

20) If $6 \times 4 = 24$, then $0.06 \times 0.4 = \underline{0.024}$

20. **0.024**