



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $7 \times 5 = 35$, then $0.007 \times 0.05 =$ _____

2) If $5 \times 10 = 50$, then $0.005 \times 1 =$ _____

3) If $3 \times 7 = 21$, then $0.3 \times 0.007 =$ _____

4) If $9 \times 6 = 54$, then $0.09 \times 0.006 =$ _____

5) If $9 \times 8 = 72$, then $0.09 \times 0.008 =$ _____

6) If $6 \times 4 = 24$, then $0.6 \times 0.4 =$ _____

7) If $3 \times 2 = 6$, then $0.3 \times 0.02 =$ _____

8) If $4 \times 9 = 36$, then $0.004 \times 0.9 =$ _____

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

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

11) If $2 \times 8 = 16$, then $0.002 \times 0.008 =$ _____

12) If $6 \times 3 = 18$, then $0.06 \times 0.003 =$ _____

13) If $2 \times 5 = 10$, then $0.02 \times 0.05 =$ _____

14) If $6 \times 4 = 24$, then $0.6 \times 0.04 =$ _____

15) If $6 \times 6 = 36$, then $0.06 \times 0.6 =$ _____

16) If $4 \times 2 = 8$, then $0.4 \times 0.2 =$ _____

17) If $7 \times 3 = 21$, then $0.07 \times 0.3 =$ _____

18) If $3 \times 3 = 9$, then $0.03 \times 0.03 =$ _____

19) If $9 \times 3 = 27$, then $0.009 \times 0.3 =$ _____

20) If $8 \times 10 = 80$, then $0.8 \times 0.01 =$ _____

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



Understanding Multiplying Decimals

Name: **Answer Key**

Solve each problem.

1) If $7 \times 5 = 35$, then $0.007 \times 0.05 = \underline{0.00035}$

Answers1. **0.00035**

2) If $5 \times 10 = 50$, then $0.005 \times 1 = \underline{0.005}$

2. **0.005**

3) If $3 \times 7 = 21$, then $0.3 \times 0.007 = \underline{0.0021}$

3. **0.0021**

4) If $9 \times 6 = 54$, then $0.09 \times 0.006 = \underline{0.00054}$

4. **0.00054**

5) If $9 \times 8 = 72$, then $0.09 \times 0.008 = \underline{0.00072}$

5. **0.00072**

6) If $6 \times 4 = 24$, then $0.6 \times 0.4 = \underline{0.24}$

6. **0.24**

7) If $3 \times 2 = 6$, then $0.3 \times 0.02 = \underline{0.006}$

7. **0.006**

8) If $4 \times 9 = 36$, then $0.004 \times 0.9 = \underline{0.0036}$

8. **0.0036**

9) If $3 \times 9 = 27$, then $0.003 \times 0.09 = \underline{0.00027}$

9. **0.00027**

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

10. **0.000009**

11) If $2 \times 8 = 16$, then $0.002 \times 0.008 = \underline{0.000016}$

11. **0.000016**

12) If $6 \times 3 = 18$, then $0.06 \times 0.003 = \underline{0.00018}$

12. **0.00018**

13) If $2 \times 5 = 10$, then $0.02 \times 0.05 = \underline{0.001}$

13. **0.001**

14) If $6 \times 4 = 24$, then $0.6 \times 0.04 = \underline{0.024}$

14. **0.024**

15) If $6 \times 6 = 36$, then $0.06 \times 0.6 = \underline{0.036}$

15. **0.036**

16) If $4 \times 2 = 8$, then $0.4 \times 0.2 = \underline{0.08}$

16. **0.08**

17) If $7 \times 3 = 21$, then $0.07 \times 0.3 = \underline{0.021}$

17. **0.021**

18) If $3 \times 3 = 9$, then $0.03 \times 0.03 = \underline{0.0009}$

18. **0.0009**

19) If $9 \times 3 = 27$, then $0.009 \times 0.3 = \underline{0.0027}$

19. **0.0027**

20) If $8 \times 10 = 80$, then $0.8 \times 0.01 = \underline{0.008}$

20. **0.008**