



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $9 \times 7 = 63$, then $0.9 \times 0.7 =$ _____

2) If $5 \times 6 = 30$, then $0.05 \times 0.006 =$ _____

3) If $2 \times 7 = 14$, then $0.2 \times 0.07 =$ _____

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

5) If $7 \times 3 = 21$, then $0.07 \times 0.03 =$ _____

6) If $4 \times 3 = 12$, then $0.004 \times 0.003 =$ _____

7) If $10 \times 4 = 40$, then $1 \times 0.4 =$ _____

8) If $9 \times 4 = 36$, then $0.009 \times 0.4 =$ _____

9) If $5 \times 3 = 15$, then $0.5 \times 0.3 =$ _____

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

11) If $5 \times 4 = 20$, then $0.005 \times 0.4 =$ _____

12) If $2 \times 2 = 4$, then $0.2 \times 0.002 =$ _____

13) If $9 \times 7 = 63$, then $0.09 \times 0.7 =$ _____

14) If $2 \times 10 = 20$, then $0.002 \times 0.1 =$ _____

15) If $5 \times 8 = 40$, then $0.05 \times 0.8 =$ _____

16) If $8 \times 8 = 64$, then $0.08 \times 0.008 =$ _____

17) If $8 \times 3 = 24$, then $0.8 \times 0.03 =$ _____

18) If $9 \times 6 = 54$, then $0.09 \times 0.06 =$ _____

19) If $10 \times 5 = 50$, then $0.01 \times 0.05 =$ _____

20) If $8 \times 5 = 40$, then $0.008 \times 0.5 =$ _____

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 $9 \times 7 = 63$, then $0.9 \times 0.7 = \underline{0.63}$

Answers1. **0.63**

2) If $5 \times 6 = 30$, then $0.05 \times 0.006 = \underline{0.0003}$

2. **0.0003**

3) If $2 \times 7 = 14$, then $0.2 \times 0.07 = \underline{0.014}$

3. **0.014**

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

4. **0.000016**

5) If $7 \times 3 = 21$, then $0.07 \times 0.03 = \underline{0.0021}$

5. **0.0021**

6) If $4 \times 3 = 12$, then $0.004 \times 0.003 = \underline{0.000012}$

6. **0.000012**

7) If $10 \times 4 = 40$, then $1 \times 0.4 = \underline{0.4}$

7. **0.4**

8) If $9 \times 4 = 36$, then $0.009 \times 0.4 = \underline{0.0036}$

8. **0.0036**

9) If $5 \times 3 = 15$, then $0.5 \times 0.3 = \underline{0.15}$

9. **0.15**

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

10. **0.00081**

11) If $5 \times 4 = 20$, then $0.005 \times 0.4 = \underline{0.002}$

11. **0.002**

12) If $2 \times 2 = 4$, then $0.2 \times 0.002 = \underline{0.0004}$

12. **0.0004**

13) If $9 \times 7 = 63$, then $0.09 \times 0.7 = \underline{0.063}$

13. **0.063**

14) If $2 \times 10 = 20$, then $0.002 \times 0.1 = \underline{0.0002}$

14. **0.0002**

15) If $5 \times 8 = 40$, then $0.05 \times 0.8 = \underline{0.04}$

15. **0.04**

16) If $8 \times 8 = 64$, then $0.08 \times 0.008 = \underline{0.00064}$

16. **0.00064**

17) If $8 \times 3 = 24$, then $0.8 \times 0.03 = \underline{0.024}$

17. **0.024**

18) If $9 \times 6 = 54$, then $0.09 \times 0.06 = \underline{0.0054}$

18. **0.0054**

19) If $10 \times 5 = 50$, then $0.01 \times 0.05 = \underline{0.0005}$

19. **0.0005**

20) If $8 \times 5 = 40$, then $0.008 \times 0.5 = \underline{0.004}$

20. **0.004**