



Understanding Multiplying Decimals

Name: _____

Solve each problem.

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

Answers

1. _____

2) If $2 \times 10 = 20$, then $0.002 \times 0.01 =$ _____

2. _____

3) If $9 \times 7 = 63$, then $0.9 \times 0.07 =$ _____

3. _____

4) If $7 \times 8 = 56$, then $0.7 \times 0.8 =$ _____

4. _____

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

5. _____

6) If $10 \times 10 = 100$, then $0.01 \times 1 =$ _____

6. _____

7) If $6 \times 7 = 42$, then $0.06 \times 0.007 =$ _____

7. _____

8) If $3 \times 7 = 21$, then $0.3 \times 0.7 =$ _____

8. _____

9) If $8 \times 5 = 40$, then $0.08 \times 0.005 =$ _____

9. _____

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

10. _____

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

11. _____

12) If $3 \times 6 = 18$, then $0.3 \times 0.006 =$ _____

12. _____

13) If $5 \times 7 = 35$, then $0.05 \times 0.7 =$ _____

13. _____

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

14. _____

15) If $3 \times 8 = 24$, then $0.03 \times 0.008 =$ _____

15. _____

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

16. _____

17) If $4 \times 9 = 36$, then $0.04 \times 0.09 =$ _____

17. _____

18) If $5 \times 3 = 15$, then $0.05 \times 0.3 =$ _____

18. _____

19) If $8 \times 6 = 48$, then $0.08 \times 0.06 =$ _____

19. _____

20) If $7 \times 5 = 35$, then $0.7 \times 0.05 =$ _____

20. _____



Understanding Multiplying Decimals

Name: **Answer Key****Solve each problem.**

1) If $5 \times 6 = 30$, then $0.005 \times 0.06 = \underline{0.0003}$

2) If $2 \times 10 = 20$, then $0.002 \times 0.01 = \underline{0.00002}$

3) If $9 \times 7 = 63$, then $0.9 \times 0.07 = \underline{0.063}$

4) If $7 \times 8 = 56$, then $0.7 \times 0.8 = \underline{0.56}$

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

6) If $10 \times 10 = 100$, then $0.01 \times 1 = \underline{0.01}$

7) If $6 \times 7 = 42$, then $0.06 \times 0.007 = \underline{0.00042}$

8) If $3 \times 7 = 21$, then $0.3 \times 0.7 = \underline{0.21}$

9) If $8 \times 5 = 40$, then $0.08 \times 0.005 = \underline{0.0004}$

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

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

12) If $3 \times 6 = 18$, then $0.3 \times 0.006 = \underline{0.0018}$

13) If $5 \times 7 = 35$, then $0.05 \times 0.7 = \underline{0.035}$

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

15) If $3 \times 8 = 24$, then $0.03 \times 0.008 = \underline{0.00024}$

16) If $8 \times 9 = 72$, then $0.8 \times 0.9 = \underline{0.72}$

17) If $4 \times 9 = 36$, then $0.04 \times 0.09 = \underline{0.0036}$

18) If $5 \times 3 = 15$, then $0.05 \times 0.3 = \underline{0.015}$

19) If $8 \times 6 = 48$, then $0.08 \times 0.06 = \underline{0.0048}$

20) If $7 \times 5 = 35$, then $0.7 \times 0.05 = \underline{0.035}$

Answers1. **0.0003**2. **0.00002**3. **0.063**4. **0.56**5. **0.00007**6. **0.01**7. **0.00042**8. **0.21**9. **0.0004**10. **0.0042**11. **0.0036**12. **0.0018**13. **0.035**14. **0.0054**15. **0.00024**16. **0.72**17. **0.0036**18. **0.015**19. **0.0048**20. **0.035**