



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $3 \times 10 = 30$, then $0.03 \times 0.1 =$ _____

2) If $5 \times 6 = 30$, then $0.005 \times 0.6 =$ _____

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

4) If $2 \times 10 = 20$, then $0.2 \times 1 =$ _____

5) If $6 \times 7 = 42$, then $0.06 \times 0.7 =$ _____

6) If $3 \times 8 = 24$, then $0.3 \times 0.8 =$ _____

7) If $2 \times 6 = 12$, then $0.2 \times 0.006 =$ _____

8) If $6 \times 10 = 60$, then $0.006 \times 0.1 =$ _____

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

10) If $5 \times 4 = 20$, then $0.005 \times 0.004 =$ _____

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

12) If $8 \times 7 = 56$, then $0.008 \times 0.7 =$ _____

13) If $8 \times 2 = 16$, then $0.08 \times 0.02 =$ _____

14) If $5 \times 4 = 20$, then $0.05 \times 0.004 =$ _____

15) If $8 \times 6 = 48$, then $0.8 \times 0.06 =$ _____

16) If $10 \times 2 = 20$, then $0.1 \times 0.02 =$ _____

17) If $2 \times 6 = 12$, then $0.002 \times 0.06 =$ _____

18) If $6 \times 9 = 54$, then $0.6 \times 0.09 =$ _____

19) If $9 \times 5 = 45$, then $0.9 \times 0.005 =$ _____

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. _____

**Solve each problem.**

1) If $3 \times 10 = 30$, then $0.03 \times 0.1 = \underline{0.003}$

2) If $5 \times 6 = 30$, then $0.005 \times 0.6 = \underline{0.003}$

3) If $8 \times 7 = 56$, then $0.8 \times 0.007 = \underline{0.0056}$

4) If $2 \times 10 = 20$, then $0.2 \times 1 = \underline{0.2}$

5) If $6 \times 7 = 42$, then $0.06 \times 0.7 = \underline{0.042}$

6) If $3 \times 8 = 24$, then $0.3 \times 0.8 = \underline{0.24}$

7) If $2 \times 6 = 12$, then $0.2 \times 0.006 = \underline{0.0012}$

8) If $6 \times 10 = 60$, then $0.006 \times 0.1 = \underline{0.0006}$

9) If $4 \times 9 = 36$, then $0.04 \times 0.009 = \underline{0.00036}$

10) If $5 \times 4 = 20$, then $0.005 \times 0.004 = \underline{0.00002}$

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

12) If $8 \times 7 = 56$, then $0.008 \times 0.7 = \underline{0.0056}$

13) If $8 \times 2 = 16$, then $0.08 \times 0.02 = \underline{0.0016}$

14) If $5 \times 4 = 20$, then $0.05 \times 0.004 = \underline{0.0002}$

15) If $8 \times 6 = 48$, then $0.8 \times 0.06 = \underline{0.048}$

16) If $10 \times 2 = 20$, then $0.1 \times 0.02 = \underline{0.002}$

17) If $2 \times 6 = 12$, then $0.002 \times 0.06 = \underline{0.00012}$

18) If $6 \times 9 = 54$, then $0.6 \times 0.09 = \underline{0.054}$

19) If $9 \times 5 = 45$, then $0.9 \times 0.005 = \underline{0.0045}$

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

Answers1. **0.003**2. **0.003**3. **0.0056**4. **0.2**5. **0.042**6. **0.24**7. **0.0012**8. **0.0006**9. **0.00036**10. **0.00002**11. **0.000012**12. **0.0056**13. **0.0016**14. **0.0002**15. **0.048**16. **0.002**17. **0.00012**18. **0.054**19. **0.0045**20. **0.004**