



Understanding Multiplying Decimals

Name: _____

Solve each problem.

- 1) If $7 \times 7 = 49$, then $0.7 \times 0.07 =$ _____
- 2) If $7 \times 8 = 56$, then $0.007 \times 0.8 =$ _____
- 3) If $4 \times 8 = 32$, then $0.004 \times 0.08 =$ _____
- 4) If $3 \times 2 = 6$, then $0.3 \times 0.002 =$ _____
- 5) If $10 \times 6 = 60$, then $0.1 \times 0.006 =$ _____
- 6) If $3 \times 3 = 9$, then $0.3 \times 0.003 =$ _____
- 7) If $5 \times 10 = 50$, then $0.005 \times 0.01 =$ _____
- 8) If $4 \times 5 = 20$, then $0.4 \times 0.005 =$ _____
- 9) If $7 \times 8 = 56$, then $0.007 \times 0.8 =$ _____
- 10) If $4 \times 4 = 16$, then $0.04 \times 0.04 =$ _____
- 11) If $7 \times 2 = 14$, then $0.07 \times 0.02 =$ _____
- 12) If $10 \times 5 = 50$, then $0.01 \times 0.005 =$ _____
- 13) If $3 \times 2 = 6$, then $0.3 \times 0.2 =$ _____
- 14) If $6 \times 8 = 48$, then $0.6 \times 0.08 =$ _____
- 15) If $6 \times 6 = 36$, then $0.6 \times 0.06 =$ _____
- 16) If $3 \times 3 = 9$, then $0.3 \times 0.3 =$ _____
- 17) If $5 \times 9 = 45$, then $0.05 \times 0.9 =$ _____
- 18) If $9 \times 10 = 90$, then $0.09 \times 0.01 =$ _____
- 19) If $6 \times 9 = 54$, then $0.06 \times 0.09 =$ _____
- 20) If $7 \times 8 = 56$, then $0.07 \times 0.8 =$ _____

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 $7 \times 7 = 49$, then $0.7 \times 0.07 = \underline{0.049}$
- 2) If $7 \times 8 = 56$, then $0.007 \times 0.8 = \underline{0.0056}$
- 3) If $4 \times 8 = 32$, then $0.004 \times 0.08 = \underline{0.00032}$
- 4) If $3 \times 2 = 6$, then $0.3 \times 0.002 = \underline{0.0006}$
- 5) If $10 \times 6 = 60$, then $0.1 \times 0.006 = \underline{0.0006}$
- 6) If $3 \times 3 = 9$, then $0.3 \times 0.003 = \underline{0.0009}$
- 7) If $5 \times 10 = 50$, then $0.005 \times 0.01 = \underline{0.00005}$
- 8) If $4 \times 5 = 20$, then $0.4 \times 0.005 = \underline{0.002}$
- 9) If $7 \times 8 = 56$, then $0.007 \times 0.8 = \underline{0.0056}$
- 10) If $4 \times 4 = 16$, then $0.04 \times 0.04 = \underline{0.0016}$
- 11) If $7 \times 2 = 14$, then $0.07 \times 0.02 = \underline{0.0014}$
- 12) If $10 \times 5 = 50$, then $0.01 \times 0.005 = \underline{0.00005}$
- 13) If $3 \times 2 = 6$, then $0.3 \times 0.2 = \underline{0.06}$
- 14) If $6 \times 8 = 48$, then $0.6 \times 0.08 = \underline{0.048}$
- 15) If $6 \times 6 = 36$, then $0.6 \times 0.06 = \underline{0.036}$
- 16) If $3 \times 3 = 9$, then $0.3 \times 0.3 = \underline{0.09}$
- 17) If $5 \times 9 = 45$, then $0.05 \times 0.9 = \underline{0.045}$
- 18) If $9 \times 10 = 90$, then $0.09 \times 0.01 = \underline{0.0009}$
- 19) If $6 \times 9 = 54$, then $0.06 \times 0.09 = \underline{0.0054}$
- 20) If $7 \times 8 = 56$, then $0.07 \times 0.8 = \underline{0.056}$

Answers

1. **0.049**
2. **0.0056**
3. **0.00032**
4. **0.0006**
5. **0.0006**
6. **0.0009**
7. **0.00005**
8. **0.002**
9. **0.0056**
10. **0.0016**
11. **0.0014**
12. **0.00005**
13. **0.06**
14. **0.048**
15. **0.036**
16. **0.09**
17. **0.045**
18. **0.0009**
19. **0.0054**
20. **0.056**