



Understanding Multiplying Decimals

Name: _____

Solve each problem.

- 1) If $8 \times 6 = 48$, then $0.8 \times 0.06 =$ _____
- 2) If $10 \times 10 = 100$, then $0.01 \times 0.1 =$ _____
- 3) If $6 \times 7 = 42$, then $0.006 \times 0.007 =$ _____
- 4) If $4 \times 8 = 32$, then $0.4 \times 0.08 =$ _____
- 5) If $4 \times 7 = 28$, then $0.4 \times 0.007 =$ _____
- 6) If $6 \times 3 = 18$, then $0.06 \times 0.3 =$ _____
- 7) If $7 \times 3 = 21$, then $0.07 \times 0.3 =$ _____
- 8) If $6 \times 2 = 12$, then $0.006 \times 0.2 =$ _____
- 9) If $5 \times 10 = 50$, then $0.5 \times 0.01 =$ _____
- 10) If $10 \times 4 = 40$, then $0.1 \times 0.04 =$ _____
- 11) If $10 \times 3 = 30$, then $1 \times 0.3 =$ _____
- 12) If $3 \times 10 = 30$, then $0.003 \times 0.01 =$ _____
- 13) If $5 \times 7 = 35$, then $0.5 \times 0.7 =$ _____
- 14) If $5 \times 2 = 10$, then $0.005 \times 0.02 =$ _____
- 15) If $2 \times 8 = 16$, then $0.002 \times 0.008 =$ _____
- 16) If $8 \times 2 = 16$, then $0.8 \times 0.002 =$ _____
- 17) If $7 \times 4 = 28$, then $0.07 \times 0.04 =$ _____
- 18) If $4 \times 3 = 12$, then $0.04 \times 0.3 =$ _____
- 19) If $5 \times 3 = 15$, then $0.005 \times 0.3 =$ _____
- 20) If $2 \times 6 = 12$, then $0.02 \times 0.006 =$ _____

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 $8 \times 6 = 48$, then $0.8 \times 0.06 = \underline{0.048}$
- 2) If $10 \times 10 = 100$, then $0.01 \times 0.1 = \underline{0.001}$
- 3) If $6 \times 7 = 42$, then $0.006 \times 0.007 = \underline{0.000042}$
- 4) If $4 \times 8 = 32$, then $0.4 \times 0.08 = \underline{0.032}$
- 5) If $4 \times 7 = 28$, then $0.4 \times 0.007 = \underline{0.0028}$
- 6) If $6 \times 3 = 18$, then $0.06 \times 0.3 = \underline{0.018}$
- 7) If $7 \times 3 = 21$, then $0.07 \times 0.3 = \underline{0.021}$
- 8) If $6 \times 2 = 12$, then $0.006 \times 0.2 = \underline{0.0012}$
- 9) If $5 \times 10 = 50$, then $0.5 \times 0.01 = \underline{0.005}$
- 10) If $10 \times 4 = 40$, then $0.1 \times 0.04 = \underline{0.004}$
- 11) If $10 \times 3 = 30$, then $1 \times 0.3 = \underline{0.3}$
- 12) If $3 \times 10 = 30$, then $0.003 \times 0.01 = \underline{0.00003}$
- 13) If $5 \times 7 = 35$, then $0.5 \times 0.7 = \underline{0.35}$
- 14) If $5 \times 2 = 10$, then $0.005 \times 0.02 = \underline{0.0001}$
- 15) If $2 \times 8 = 16$, then $0.002 \times 0.008 = \underline{0.000016}$
- 16) If $8 \times 2 = 16$, then $0.8 \times 0.002 = \underline{0.0016}$
- 17) If $7 \times 4 = 28$, then $0.07 \times 0.04 = \underline{0.0028}$
- 18) If $4 \times 3 = 12$, then $0.04 \times 0.3 = \underline{0.012}$
- 19) If $5 \times 3 = 15$, then $0.005 \times 0.3 = \underline{0.0015}$
- 20) If $2 \times 6 = 12$, then $0.02 \times 0.006 = \underline{0.00012}$

Answers

1.	0.048
2.	0.001
3.	0.000042
4.	0.032
5.	0.0028
6.	0.018
7.	0.021
8.	0.0012
9.	0.005
10.	0.004
11.	0.3
12.	0.00003
13.	0.35
14.	0.0001
15.	0.000016
16.	0.0016
17.	0.0028
18.	0.012
19.	0.0015
20.	0.00012