



Understanding Multiplying Decimals

Name: _____

Solve each problem.

- 1) If $6 \times 7 = 42$, then $0.6 \times 0.07 =$ _____
- 2) If $4 \times 6 = 24$, then $0.04 \times 0.6 =$ _____
- 3) If $7 \times 8 = 56$, then $0.007 \times 0.008 =$ _____
- 4) If $7 \times 5 = 35$, then $0.007 \times 0.5 =$ _____
- 5) If $4 \times 4 = 16$, then $0.04 \times 0.004 =$ _____
- 6) If $9 \times 9 = 81$, then $0.09 \times 0.09 =$ _____
- 7) If $10 \times 9 = 90$, then $0.1 \times 0.9 =$ _____
- 8) If $8 \times 10 = 80$, then $0.08 \times 0.1 =$ _____
- 9) If $9 \times 3 = 27$, then $0.009 \times 0.3 =$ _____
- 10) If $4 \times 8 = 32$, then $0.004 \times 0.8 =$ _____
- 11) If $9 \times 3 = 27$, then $0.09 \times 0.3 =$ _____
- 12) If $2 \times 7 = 14$, then $0.2 \times 0.07 =$ _____
- 13) If $10 \times 2 = 20$, then $1 \times 0.2 =$ _____
- 14) If $9 \times 7 = 63$, then $0.9 \times 0.007 =$ _____
- 15) If $3 \times 6 = 18$, then $0.003 \times 0.06 =$ _____
- 16) If $5 \times 8 = 40$, then $0.005 \times 0.008 =$ _____
- 17) If $4 \times 4 = 16$, then $0.004 \times 0.004 =$ _____
- 18) If $7 \times 6 = 42$, then $0.7 \times 0.006 =$ _____
- 19) If $9 \times 6 = 54$, then $0.009 \times 0.06 =$ _____
- 20) If $2 \times 10 = 20$, then $0.002 \times 0.1 =$ _____

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 $6 \times 7 = 42$, then $0.6 \times 0.07 = \underline{0.042}$
- 2) If $4 \times 6 = 24$, then $0.04 \times 0.6 = \underline{0.024}$
- 3) If $7 \times 8 = 56$, then $0.007 \times 0.008 = \underline{0.000056}$
- 4) If $7 \times 5 = 35$, then $0.007 \times 0.5 = \underline{0.0035}$
- 5) If $4 \times 4 = 16$, then $0.04 \times 0.004 = \underline{0.00016}$
- 6) If $9 \times 9 = 81$, then $0.09 \times 0.09 = \underline{0.0081}$
- 7) If $10 \times 9 = 90$, then $0.1 \times 0.9 = \underline{0.09}$
- 8) If $8 \times 10 = 80$, then $0.08 \times 0.1 = \underline{0.008}$
- 9) If $9 \times 3 = 27$, then $0.009 \times 0.3 = \underline{0.0027}$
- 10) If $4 \times 8 = 32$, then $0.004 \times 0.8 = \underline{0.0032}$
- 11) If $9 \times 3 = 27$, then $0.09 \times 0.3 = \underline{0.027}$
- 12) If $2 \times 7 = 14$, then $0.2 \times 0.07 = \underline{0.014}$
- 13) If $10 \times 2 = 20$, then $1 \times 0.2 = \underline{0.2}$
- 14) If $9 \times 7 = 63$, then $0.9 \times 0.007 = \underline{0.0063}$
- 15) If $3 \times 6 = 18$, then $0.003 \times 0.06 = \underline{0.00018}$
- 16) If $5 \times 8 = 40$, then $0.005 \times 0.008 = \underline{0.00004}$
- 17) If $4 \times 4 = 16$, then $0.004 \times 0.004 = \underline{0.000016}$
- 18) If $7 \times 6 = 42$, then $0.7 \times 0.006 = \underline{0.0042}$
- 19) If $9 \times 6 = 54$, then $0.009 \times 0.06 = \underline{0.00054}$
- 20) If $2 \times 10 = 20$, then $0.002 \times 0.1 = \underline{0.0002}$

Answers

1. **0.042**
2. **0.024**
3. **0.000056**
4. **0.0035**
5. **0.00016**
6. **0.0081**
7. **0.09**
8. **0.008**
9. **0.0027**
10. **0.0032**
11. **0.027**
12. **0.014**
13. **0.2**
14. **0.0063**
15. **0.00018**
16. **0.00004**
17. **0.000016**
18. **0.0042**
19. **0.00054**
20. **0.0002**