



Understanding Multiplying Decimals

Name: _____

Solve each problem.

1) If $5 \times 4 = 20$, then $0.005 \times 0.4 =$ _____

2) If $8 \times 8 = 64$, then $0.008 \times 0.08 =$ _____

3) If $5 \times 8 = 40$, then $0.05 \times 0.08 =$ _____

4) If $8 \times 6 = 48$, then $0.008 \times 0.6 =$ _____

5) If $7 \times 3 = 21$, then $0.007 \times 0.03 =$ _____

6) If $10 \times 5 = 50$, then $1 \times 0.5 =$ _____

7) If $4 \times 7 = 28$, then $0.4 \times 0.007 =$ _____

8) If $2 \times 8 = 16$, then $0.002 \times 0.008 =$ _____

9) If $7 \times 7 = 49$, then $0.007 \times 0.007 =$ _____

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

11) If $4 \times 4 = 16$, then $0.4 \times 0.04 =$ _____

12) If $5 \times 10 = 50$, then $0.5 \times 1 =$ _____

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

14) If $7 \times 10 = 70$, then $0.007 \times 1 =$ _____

15) If $2 \times 5 = 10$, then $0.02 \times 0.005 =$ _____

16) If $8 \times 9 = 72$, then $0.08 \times 0.09 =$ _____

17) If $6 \times 2 = 12$, then $0.6 \times 0.002 =$ _____

18) If $3 \times 9 = 27$, then $0.03 \times 0.09 =$ _____

19) If $4 \times 3 = 12$, then $0.04 \times 0.003 =$ _____

20) If $6 \times 9 = 54$, then $0.06 \times 0.9 =$ _____

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 $5 \times 4 = 20$, then $0.005 \times 0.4 = \underline{0.002}$

Answers1. **0.002**

2) If $8 \times 8 = 64$, then $0.008 \times 0.08 = \underline{0.00064}$

0.00064

3) If $5 \times 8 = 40$, then $0.05 \times 0.08 = \underline{0.004}$

0.004

4) If $8 \times 6 = 48$, then $0.008 \times 0.6 = \underline{0.0048}$

0.0048

5) If $7 \times 3 = 21$, then $0.007 \times 0.03 = \underline{0.00021}$

0.00021

6) If $10 \times 5 = 50$, then $1 \times 0.5 = \underline{0.5}$

0.5

7) If $4 \times 7 = 28$, then $0.4 \times 0.007 = \underline{0.0028}$

0.0028

8) If $2 \times 8 = 16$, then $0.002 \times 0.008 = \underline{0.000016}$

0.000016

9) If $7 \times 7 = 49$, then $0.007 \times 0.007 = \underline{0.000049}$

0.000049

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

0.00042

11) If $4 \times 4 = 16$, then $0.4 \times 0.04 = \underline{0.016}$

0.016

12) If $5 \times 10 = 50$, then $0.5 \times 1 = \underline{0.5}$

0.5

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

0.0012

14) If $7 \times 10 = 70$, then $0.007 \times 1 = \underline{0.007}$

0.007

15) If $2 \times 5 = 10$, then $0.02 \times 0.005 = \underline{0.0001}$

0.0001

16) If $8 \times 9 = 72$, then $0.08 \times 0.09 = \underline{0.0072}$

0.0072

17) If $6 \times 2 = 12$, then $0.6 \times 0.002 = \underline{0.0012}$

0.0012

18) If $3 \times 9 = 27$, then $0.03 \times 0.09 = \underline{0.0027}$

0.0027

19) If $4 \times 3 = 12$, then $0.04 \times 0.003 = \underline{0.00012}$

0.00012

20) If $6 \times 9 = 54$, then $0.06 \times 0.9 = \underline{0.054}$

0.054

| | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|----|
| 1-10 | 95 | 90 | 85 | 80 | 75 | 70 | 65 | 60 | 55 | 50 |
| 11-20 | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 |