Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $2 \times 5 = 10$, then $0.002 \times 0.05 =$ _____

2) If $3 \times 8 = 24$, then $0.003 \times 0.8 =$ _____

3) If $2 \times 2 = 4$, then $0.002 \times 0.002 =$ _____

4) If $3 \times 10 = 30$, then $0.3 \times 0.01 =$ _____

5) If $6 \times 9 = 54$, then $0.06 \times 0.009 =$ _____

6) If $10 \times 9 = 90$, then $0.1 \times 0.9 =$ _____

7) If $6 \times 9 = 54$, then $0.6 \times 0.9 =$ _____

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

9) If $2 \times 9 = 18$, then $0.02 \times 0.9 =$ _____

10) If $6 \times 5 = 30$, then $0.6 \times 0.5 =$ _____

11) If $7 \times 5 = 35$, then $0.07 \times 0.005 =$ _____

12) If $5 \times 2 = 10$, then $0.05 \times 0.02 =$ _____

13) If $10 \times 9 = 90$, then $0.1 \times 0.9 =$ _____

14) If $6 \times 9 = 54$, then $0.006 \times 0.9 =$ _____

15) If $6 \times 5 = 30$, then $0.6 \times 0.05 =$ _____

16) If $5 \times 5 = 25$, then $0.5 \times 0.05 =$ _____

17) If $6 \times 8 = 48$, then $0.006 \times 0.008 =$ _____

18) If $3 \times 10 = 30$, then $0.003 \times 0.1 =$ _____

19) If $10 \times 9 = 90$, then $1 \times 0.009 =$ _____

20) If $2 \times 9 = 18$, then $0.02 \times 0.09 =$ _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

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

Understanding Multiplying Decimals Name: **Answer Key**

Solve each problem.

1) If 2 × 5 = 10 , then 0.002 × 0.05 = 0.0001

2) If 3 × 8 = 24 , then 0.003 × 0.8 = 0.0024

3) If 2 × 2 = 4 , then 0.002 × 0.002 = 0.000004

4) If 3 × 10 = 30 , then 0.3 × 0.01 = 0.003

5) If 6 × 9 = 54 , then 0.06 × 0.009 = 0.00054

6) If 10 × 9 = 90 , then 0.1 × 0.9 = 0.09

7) If 6 × 9 = 54 , then 0.6 × 0.9 = 0.54

8) If 10 × 7 = 70 , then 1 × 0.007 = 0.007

9) If 2 × 9 = 18 , then 0.02 × 0.9 = 0.018

10) If 6 × 5 = 30 , then 0.6 × 0.5 = 0.3

11) If 7 × 5 = 35 , then 0.07 × 0.005 = 0.00035

12) If 5 × 2 = 10 , then 0.05 × 0.02 = 0.001

13) If 10 × 9 = 90 , then 0.1 × 0.9 = 0.09

14) If 6 × 9 = 54 , then 0.006 × 0.9 = 0.0054

15) If 6 × 5 = 30 , then 0.6 × 0.05 = 0.03

16) If 5 × 5 = 25 , then 0.5 × 0.05 = 0.025

17) If 6 × 8 = 48 , then 0.006 × 0.008 = 0.000048

18) If 3 × 10 = 30 , then 0.003 × 0.1 = 0.0003

19) If 10 × 9 = 90 , then 1 × 0.009 = 0.009

20) If 2 × 9 = 18 , then 0.02 × 0.09 = 0.0018

Answers

1. **0.0001**
2. **0.0024**
3. **0.000004**
4. **0.003**
5. **0.00054**
6. **0.09**
7. **0.54**
8. **0.007**
9. **0.018**
10. **0.3**
11. **0.00035**
12. **0.001**
13. **0.09**
14. **0.0054**
15. **0.03**
16. **0.025**
17. **0.000048**
18. **0.0003**
19. **0.009**
20. **0.0018**

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