Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $3 \times 3 = 9$, then $0.3 \times 0.003 =$ _____

2) If $6 \times 4 = 24$, then $0.6 \times 0.04 =$ _____

3) If $7 \times 7 = 49$, then $0.7 \times 0.07 =$ _____

4) If $2 \times 4 = 8$, then $0.002 \times 0.04 =$ _____

5) If $4 \times 2 = 8$, then $0.4 \times 0.2 =$ _____

6) If $8 \times 6 = 48$, then $0.08 \times 0.006 =$ _____

7) If $7 \times 4 = 28$, then $0.7 \times 0.4 =$ _____

8) If $3 \times 8 = 24$, then $0.3 \times 0.8 =$ _____

9) If $6 \times 3 = 18$, then $0.6 \times 0.003 =$ _____

10) If $4 \times 8 = 32$, then $0.04 \times 0.8 =$ _____

11) If $3 \times 8 = 24$, then $0.03 \times 0.8 =$ _____

12) If $8 \times 2 = 16$, then $0.8 \times 0.02 =$ _____

13) If $2 \times 4 = 8$, then $0.02 \times 0.04 =$ _____

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

15) If $7 \times 2 = 14$, then $0.007 \times 0.2 =$ _____

16) If $2 \times 3 = 6$, then $0.002 \times 0.3 =$ _____

17) If $6 \times 9 = 54$, then $0.006 \times 0.009 =$ _____

18) If $10 \times 9 = 90$, then $0.1 \times 0.09 =$ _____

19) If $5 \times 9 = 45$, then $0.005 \times 0.009 =$ _____

20) If $5 \times 5 = 25$, then $0.005 \times 0.05 =$ _____

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 $3 \times 3 = 9$, then $0.3 \times 0.003 =$ 0.0009

2) If $6 \times 4 = 24$, then $0.6 \times 0.04 =$ 0.024

3) If $7 \times 7 = 49$, then $0.7 \times 0.07 =$ 0.049

4) If $2 \times 4 = 8$, then $0.002 \times 0.04 =$ 0.00008

5) If $4 \times 2 = 8$, then $0.4 \times 0.2 =$ 0.08

6) If $8 \times 6 = 48$, then $0.08 \times 0.006 =$ 0.00048

7) If $7 \times 4 = 28$, then $0.7 \times 0.4 =$ 0.28

8) If $3 \times 8 = 24$, then $0.3 \times 0.8 =$ 0.24

9) If $6 \times 3 = 18$, then $0.6 \times 0.003 =$ 0.0018

10) If $4 \times 8 = 32$, then $0.04 \times 0.8 =$ 0.032

11) If $3 \times 8 = 24$, then $0.03 \times 0.8 =$ 0.024

12) If $8 \times 2 = 16$, then $0.8 \times 0.02 =$ 0.016

13) If $2 \times 4 = 8$, then $0.02 \times 0.04 =$ 0.0008

14) If $5 \times 2 = 10$, then $0.05 \times 0.002 =$ 0.0001

15) If $7 \times 2 = 14$, then $0.007 \times 0.2 =$ 0.0014

16) If $2 \times 3 = 6$, then $0.002 \times 0.3 =$ 0.0006

17) If $6 \times 9 = 54$, then $0.006 \times 0.009 =$ 0.000054

18) If $10 \times 9 = 90$, then $0.1 \times 0.09 =$ 0.009

19) If $5 \times 9 = 45$, then $0.005 \times 0.009 =$ 0.000045

20) If $5 \times 5 = 25$, then $0.005 \times 0.05 =$ 0.00025

Answers

1. 0.0009
2. 0.024
3. 0.049
4. 0.00008
5. 0.08
6. 0.00048
7. 0.28
8. 0.24
9. 0.0018
10. 0.032
11. 0.024
12. 0.016
13. 0.0008
14. 0.0001
15. 0.0014
16. 0.0006
17. 0.000054
18. 0.009
19. 0.000045
20. 0.00025

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