Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $9 \times 9 = 81$, then $0.09 \times 0.9 =$ _____

2) If $2 \times 9 = 18$, then $0.2 \times 0.009 =$ _____

3) If $4 \times 2 = 8$, then $0.04 \times 0.2 =$ _____

4) If $5 \times 8 = 40$, then $0.005 \times 0.8 =$ _____

5) If $7 \times 8 = 56$, then $0.07 \times 0.8 =$ _____

6) If $10 \times 6 = 60$, then $0.1 \times 0.006 =$ _____

7) If $6 \times 2 = 12$, then $0.6 \times 0.2 =$ _____

8) If $10 \times 2 = 20$, then $0.1 \times 0.002 =$ _____

9) If $6 \times 8 = 48$, then $0.06 \times 0.08 =$ _____

10) If $3 \times 3 = 9$, then $0.3 \times 0.03 =$ _____

11) If $6 \times 7 = 42$, then $0.006 \times 0.007 =$ _____

12) If $9 \times 4 = 36$, then $0.009 \times 0.004 =$ _____

13) If $2 \times 8 = 16$, then $0.002 \times 0.08 =$ _____

14) If $3 \times 4 = 12$, then $0.3 \times 0.4 =$ _____

15) If $10 \times 9 = 90$, then $0.01 \times 0.09 =$ _____

16) If $10 \times 6 = 60$, then $0.1 \times 0.06 =$ _____

17) If $8 \times 9 = 72$, then $0.008 \times 0.9 =$ _____

18) If $7 \times 8 = 56$, then $0.7 \times 0.08 =$ _____

19) If $7 \times 10 = 70$, then $0.7 \times 0.01 =$ _____

20) If $3 \times 3 = 9$, then $0.003 \times 0.03 =$ _____

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

Solve each problem.

1) If $9 \times 9 = 81$, then $0.09 \times 0.9 =$ 0.081

2) If $2 \times 9 = 18$, then $0.2 \times 0.009 =$ 0.0018

3) If $4 \times 2 = 8$, then $0.04 \times 0.2 =$ 0.008

4) If $5 \times 8 = 40$, then $0.005 \times 0.8 =$ 0.004

5) If $7 \times 8 = 56$, then $0.07 \times 0.8 =$ 0.056

6) If $10 \times 6 = 60$, then $0.1 \times 0.006 =$ 0.0006

7) If $6 \times 2 = 12$, then $0.6 \times 0.2 =$ 0.12

8) If $10 \times 2 = 20$, then $0.1 \times 0.002 =$ 0.0002

9) If $6 \times 8 = 48$, then $0.06 \times 0.08 =$ 0.0048

10) If $3 \times 3 = 9$, then $0.3 \times 0.03 =$ 0.009

11) If $6 \times 7 = 42$, then $0.006 \times 0.007 =$ 0.000042

12) If $9 \times 4 = 36$, then $0.009 \times 0.004 =$ 0.000036

13) If $2 \times 8 = 16$, then $0.002 \times 0.08 =$ 0.00016

14) If $3 \times 4 = 12$, then $0.3 \times 0.4 =$ 0.12

15) If $10 \times 9 = 90$, then $0.01 \times 0.09 =$ 0.0009

16) If $10 \times 6 = 60$, then $0.1 \times 0.06 =$ 0.006

17) If $8 \times 9 = 72$, then $0.008 \times 0.9 =$ 0.0072

18) If $7 \times 8 = 56$, then $0.7 \times 0.08 =$ 0.056

19) If $7 \times 10 = 70$, then $0.7 \times 0.01 =$ 0.007

20) If $3 \times 3 = 9$, then $0.003 \times 0.03 =$ 0.00009

Answers

1. **0.081**
2. **0.0018**
3. **0.008**
4. **0.004**
5. **0.056**
6. **0.0006**
7. **0.12**
8. **0.0002**
9. **0.0048**
10. **0.009**
11. **0.000042**
12. **0.000036**
13. **0.00016**
14. **0.12**
15. **0.0009**
16. **0.006**
17. **0.0072**
18. **0.056**
19. **0.007**
20. **0.00009**

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