Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $3 \times 4 = 12$, then $0.3 \times 0.04 =$ _____

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

3) If $2 \times 5 = 10$, then $0.2 \times 0.005 =$ _____

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

5) If $8 \times 3 = 24$, then $0.008 \times 0.003 =$ _____

6) If $2 \times 9 = 18$, then $0.2 \times 0.09 =$ _____

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

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

9) If $6 \times 8 = 48$, then $0.6 \times 0.08 =$ _____

10) If $7 \times 9 = 63$, then $0.007 \times 0.9 =$ _____

11) If $6 \times 8 = 48$, then $0.6 \times 0.8 =$ _____

12) If $4 \times 5 = 20$, then $0.4 \times 0.5 =$ _____

13) If $6 \times 4 = 24$, then $0.06 \times 0.004 =$ _____

14) If $4 \times 4 = 16$, then $0.004 \times 0.04 =$ _____

15) If $5 \times 6 = 30$, then $0.05 \times 0.06 =$ _____

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

17) If $10 \times 7 = 70$, then $0.01 \times 0.007 =$ _____

18) If $2 \times 10 = 20$, then $0.002 \times 1 =$ _____

19) If $4 \times 5 = 20$, then $0.04 \times 0.005 =$ _____

20) If $2 \times 2 = 4$, then $0.002 \times 0.02 =$ _____

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 × 4 = 12 , then 0.3 × 0.04 = 0.012

2) If 10 × 9 = 90 , then 0.01 × 0.09 = 0.0009

3) If 2 × 5 = 10 , then 0.2 × 0.005 = 0.001

4) If 2 × 7 = 14 , then 0.2 × 0.007 = 0.0014

5) If 8 × 3 = 24 , then 0.008 × 0.003 = 0.000024

6) If 2 × 9 = 18 , then 0.2 × 0.09 = 0.018

7) If 7 × 7 = 49 , then 0.7 × 0.7 = 0.49

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

9) If 6 × 8 = 48 , then 0.6 × 0.08 = 0.048

10) If 7 × 9 = 63 , then 0.007 × 0.9 = 0.0063

11) If 6 × 8 = 48 , then 0.6 × 0.8 = 0.48

12) If 4 × 5 = 20 , then 0.4 × 0.5 = 0.2

13) If 6 × 4 = 24 , then 0.06 × 0.004 = 0.00024

14) If 4 × 4 = 16 , then 0.004 × 0.04 = 0.00016

15) If 5 × 6 = 30 , then 0.05 × 0.06 = 0.003

16) If 2 × 4 = 8 , then 0.02 × 0.04 = 0.0008

17) If 10 × 7 = 70 , then 0.01 × 0.007 = 0.00007

18) If 2 × 10 = 20 , then 0.002 × 1 = 0.002

19) If 4 × 5 = 20 , then 0.04 × 0.005 = 0.0002

20) If 2 × 2 = 4 , then 0.002 × 0.02 = 0.00004

Answers

1. **0.012**
2. **0.0009**
3. **0.001**
4. **0.0014**
5. **0.000024**
6. **0.018**
7. **0.49**
8. **0.09**
9. **0.048**
10. **0.0063**
11. **0.48**
12. **0.2**
13. **0.00024**
14. **0.00016**
15. **0.003**
16. **0.0008**
17. **0.00007**
18. **0.002**
19. **0.0002**
20. **0.00004**

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