Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $8 \times 5 = 40$, then $0.8 \times 0.05 =$ _____

2) If $10 \times 5 = 50$, then $0.01 \times 0.5 =$ _____

3) If $4 \times 8 = 32$, then $0.004 \times 0.8 =$ _____

4) If $6 \times 2 = 12$, then $0.006 \times 0.02 =$ _____

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

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

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

8) If $4 \times 10 = 40$, then $0.4 \times 1 =$ _____

9) If $9 \times 3 = 27$, then $0.9 \times 0.3 =$ _____

10) If $3 \times 8 = 24$, then $0.03 \times 0.08 =$ _____

11) If $8 \times 7 = 56$, then $0.8 \times 0.007 =$ _____

12) If $3 \times 6 = 18$, then $0.03 \times 0.006 =$ _____

13) If $4 \times 10 = 40$, then $0.4 \times 0.01 =$ _____

14) If $2 \times 6 = 12$, then $0.2 \times 0.06 =$ _____

15) If $7 \times 3 = 21$, then $0.07 \times 0.3 =$ _____

16) If $5 \times 4 = 20$, then $0.5 \times 0.04 =$ _____

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

18) If $4 \times 7 = 28$, then $0.04 \times 0.7 =$ _____

19) If $9 \times 2 = 18$, then $0.009 \times 0.002 =$ _____

20) If $10 \times 3 = 30$, then $0.01 \times 0.03 =$ _____

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

Understanding Multiplying Decimals Name: **Answer Key**

Solve each problem.

1) If 8 × 5 = 40 , then 0.8 × 0.05 = 0.04

2) If 10 × 5 = 50 , then 0.01 × 0.5 = 0.005

3) If 4 × 8 = 32 , then 0.004 × 0.8 = 0.0032

4) If 6 × 2 = 12 , then 0.006 × 0.02 = 0.00012

5) If 10 × 6 = 60 , then 0.1 × 0.06 = 0.006

6) If 4 × 3 = 12 , then 0.04 × 0.003 = 0.00012

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

8) If 4 × 10 = 40 , then 0.4 × 1 = 0.4

9) If 9 × 3 = 27 , then 0.9 × 0.3 = 0.27

10) If 3 × 8 = 24 , then 0.03 × 0.08 = 0.0024

11) If 8 × 7 = 56 , then 0.8 × 0.007 = 0.0056

12) If 3 × 6 = 18 , then 0.03 × 0.006 = 0.00018

13) If 4 × 10 = 40 , then 0.4 × 0.01 = 0.004

14) If 2 × 6 = 12 , then 0.2 × 0.06 = 0.012

15) If 7 × 3 = 21 , then 0.07 × 0.3 = 0.021

16) If 5 × 4 = 20 , then 0.5 × 0.04 = 0.02

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

18) If 4 × 7 = 28 , then 0.04 × 0.7 = 0.028

19) If 9 × 2 = 18 , then 0.009 × 0.002 = 0.000018

20) If 10 × 3 = 30 , then 0.01 × 0.03 = 0.0003

Answers

1. **0.04**
2. **0.005**
3. **0.0032**
4. **0.00012**
5. **0.006**
6. **0.00012**
7. **0.000024**
8. **0.4**
9. **0.27**
10. **0.0024**
11. **0.0056**
12. **0.00018**
13. **0.004**
14. **0.012**
15. **0.021**
16. **0.02**
17. **0.0009**
18. **0.028**
19. **0.000018**
20. **0.0003**

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