Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $9 \times 7 = 63$, then $0.09 \times 0.7 =$ _____

2) If $5 \times 6 = 30$, then $0.005 \times 0.6 =$ _____

3) If $6 \times 8 = 48$, then $0.6 \times 0.008 =$ _____

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

5) If $7 \times 5 = 35$, then $0.7 \times 0.005 =$ _____

6) If $8 \times 2 = 16$, then $0.8 \times 0.2 =$ _____

7) If $6 \times 9 = 54$, then $0.6 \times 0.09 =$ _____

8) If $7 \times 2 = 14$, then $0.7 \times 0.2 =$ _____

9) If $2 \times 9 = 18$, then $0.002 \times 0.9 =$ _____

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

11) If $10 \times 7 = 70$, then $0.1 \times 0.07 =$ _____

12) If $4 \times 8 = 32$, then $0.04 \times 0.008 =$ _____

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

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

15) If $2 \times 8 = 16$, then $0.002 \times 0.008 =$ _____

16) If $4 \times 10 = 40$, then $0.04 \times 1 =$ _____

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

18) If $6 \times 6 = 36$, then $0.6 \times 0.06 =$ _____

19) If $10 \times 8 = 80$, then $0.1 \times 0.008 =$ _____

20) If $7 \times 8 = 56$, then $0.007 \times 0.08 =$ _____

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 9 × 7 = 63 , then 0.09 × 0.7 = 0.063

2) If 5 × 6 = 30 , then 0.005 × 0.6 = 0.003

3) If 6 × 8 = 48 , then 0.6 × 0.008 = 0.0048

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

5) If 7 × 5 = 35 , then 0.7 × 0.005 = 0.0035

6) If 8 × 2 = 16 , then 0.8 × 0.2 = 0.16

7) If 6 × 9 = 54 , then 0.6 × 0.09 = 0.054

8) If 7 × 2 = 14 , then 0.7 × 0.2 = 0.14

9) If 2 × 9 = 18 , then 0.002 × 0.9 = 0.0018

10) If 3 × 3 = 9 , then 0.03 × 0.03 = 0.0009

11) If 10 × 7 = 70 , then 0.1 × 0.07 = 0.007

12) If 4 × 8 = 32 , then 0.04 × 0.008 = 0.00032

13) If 9 × 8 = 72 , then 0.9 × 0.008 = 0.0072

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

15) If 2 × 8 = 16 , then 0.002 × 0.008 = 0.000016

16) If 4 × 10 = 40 , then 0.04 × 1 = 0.04

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

18) If 6 × 6 = 36 , then 0.6 × 0.06 = 0.036

19) If 10 × 8 = 80 , then 0.1 × 0.008 = 0.0008

20) If 7 × 8 = 56 , then 0.007 × 0.08 = 0.00056

Answers

1. **0.063**
2. **0.003**
3. **0.0048**
4. **0.000024**
5. **0.0035**
6. **0.16**
7. **0.054**
8. **0.14**
9. **0.0018**
10. **0.0009**
11. **0.007**
12. **0.00032**
13. **0.0072**
14. **0.2**
15. **0.000016**
16. **0.04**
17. **0.00012**
18. **0.036**
19. **0.0008**
20. **0.00056**

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