Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $4 \times 3 = 12$, then $0.4 \times 0.003 =$ _____

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

3) If $10 \times 5 = 50$, then $1 \times 0.005 =$ _____

4) If $9 \times 8 = 72$, then $0.9 \times 0.8 =$ _____

5) If $9 \times 5 = 45$, then $0.09 \times 0.5 =$ _____

6) If $10 \times 8 = 80$, then $0.1 \times 0.08 =$ _____

7) If $7 \times 4 = 28$, then $0.7 \times 0.004 =$ _____

8) If $3 \times 4 = 12$, then $0.03 \times 0.04 =$ _____

9) If $10 \times 8 = 80$, then $0.01 \times 0.8 =$ _____

10) If $6 \times 4 = 24$, then $0.006 \times 0.4 =$ _____

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

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

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

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

15) If $3 \times 8 = 24$, then $0.3 \times 0.08 =$ _____

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

17) If $8 \times 10 = 80$, then $0.8 \times 0.1 =$ _____

18) If $6 \times 3 = 18$, then $0.06 \times 0.003 =$ _____

19) If $6 \times 8 = 48$, then $0.06 \times 0.008 =$ _____

20) If $6 \times 5 = 30$, then $0.006 \times 0.05 =$ _____

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 $4 \times 3 = 12$, then $0.4 \times 0.003 =$ 0.0012

2) If $6 \times 8 = 48$, then $0.6 \times 0.08 =$ 0.048

3) If $10 \times 5 = 50$, then $1 \times 0.005 =$ 0.005

4) If $9 \times 8 = 72$, then $0.9 \times 0.8 =$ 0.72

5) If $9 \times 5 = 45$, then $0.09 \times 0.5 =$ 0.045

6) If $10 \times 8 = 80$, then $0.1 \times 0.08 =$ 0.008

7) If $7 \times 4 = 28$, then $0.7 \times 0.004 =$ 0.0028

8) If $3 \times 4 = 12$, then $0.03 \times 0.04 =$ 0.0012

9) If $10 \times 8 = 80$, then $0.01 \times 0.8 =$ 0.008

10) If $6 \times 4 = 24$, then $0.006 \times 0.4 =$ 0.0024

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

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

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

14) If $2 \times 7 = 14$, then $0.2 \times 0.7 =$ 0.14

15) If $3 \times 8 = 24$, then $0.3 \times 0.08 =$ 0.024

16) If $5 \times 7 = 35$, then $0.005 \times 0.7 =$ 0.0035

17) If $8 \times 10 = 80$, then $0.8 \times 0.1 =$ 0.08

18) If $6 \times 3 = 18$, then $0.06 \times 0.003 =$ 0.00018

19) If $6 \times 8 = 48$, then $0.06 \times 0.008 =$ 0.00048

20) If $6 \times 5 = 30$, then $0.006 \times 0.05 =$ 0.0003

Answers

1. 0.0012
2. 0.048
3. 0.005
4. 0.72
5. 0.045
6. 0.008
7. 0.0028
8. 0.0012
9. 0.008
10. 0.0024
11. 0.0001
12. 0.0048
13. 0.081
14. 0.14
15. 0.024
16. 0.0035
17. 0.08
18. 0.00018
19. 0.00048
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