

Understanding Multiplying Decimals

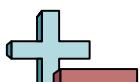
Name: _____

Solve each problem.

- 1) If $9 \times 10 = 90$, then $0.09 \times 1 =$ _____
- 2) If $8 \times 5 = 40$, then $0.008 \times 0.005 =$ _____
- 3) If $6 \times 2 = 12$, then $0.06 \times 0.002 =$ _____
- 4) If $10 \times 7 = 70$, then $0.1 \times 0.07 =$ _____
- 5) If $10 \times 6 = 60$, then $1 \times 0.6 =$ _____
- 6) If $9 \times 6 = 54$, then $0.09 \times 0.6 =$ _____
- 7) If $7 \times 3 = 21$, then $0.07 \times 0.03 =$ _____
- 8) If $8 \times 2 = 16$, then $0.008 \times 0.02 =$ _____
- 9) If $4 \times 2 = 8$, then $0.4 \times 0.2 =$ _____
- 10) If $2 \times 8 = 16$, then $0.2 \times 0.08 =$ _____
- 11) If $2 \times 4 = 8$, then $0.2 \times 0.04 =$ _____
- 12) If $4 \times 7 = 28$, then $0.004 \times 0.7 =$ _____
- 13) If $4 \times 6 = 24$, then $0.04 \times 0.6 =$ _____
- 14) If $3 \times 10 = 30$, then $0.3 \times 0.1 =$ _____
- 15) If $3 \times 4 = 12$, then $0.003 \times 0.4 =$ _____
- 16) If $7 \times 9 = 63$, then $0.007 \times 0.009 =$ _____
- 17) If $6 \times 4 = 24$, then $0.006 \times 0.04 =$ _____
- 18) If $3 \times 7 = 21$, then $0.003 \times 0.007 =$ _____
- 19) If $10 \times 8 = 80$, then $1 \times 0.008 =$ _____
- 20) If $6 \times 3 = 18$, then $0.6 \times 0.003 =$ _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Understanding Multiplying Decimals

Name:

Answer Key

Solve each problem.

1) If $9 \times 10 = 90$, then $0.09 \times 1 = \underline{\hspace{1cm}0.09}$

2) If $8 \times 5 = 40$, then $0.008 \times 0.005 = \underline{\hspace{1cm}0.00004}$

3) If $6 \times 2 = 12$, then $0.06 \times 0.002 = \underline{\hspace{1cm}0.00012}$

4) If $10 \times 7 = 70$, then $0.1 \times 0.07 = \underline{\hspace{1cm}0.007}$

5) If $10 \times 6 = 60$, then $1 \times 0.6 = \underline{\hspace{1cm}0.6}$

6) If $9 \times 6 = 54$, then $0.09 \times 0.6 = \underline{\hspace{1cm}0.054}$

7) If $7 \times 3 = 21$, then $0.07 \times 0.03 = \underline{\hspace{1cm}0.0021}$

8) If $8 \times 2 = 16$, then $0.008 \times 0.02 = \underline{\hspace{1cm}0.00016}$

9) If $4 \times 2 = 8$, then $0.4 \times 0.2 = \underline{\hspace{1cm}0.08}$

10) If $2 \times 8 = 16$, then $0.2 \times 0.08 = \underline{\hspace{1cm}0.016}$

11) If $2 \times 4 = 8$, then $0.2 \times 0.04 = \underline{\hspace{1cm}0.008}$

12) If $4 \times 7 = 28$, then $0.004 \times 0.7 = \underline{\hspace{1cm}0.0028}$

13) If $4 \times 6 = 24$, then $0.04 \times 0.6 = \underline{\hspace{1cm}0.024}$

14) If $3 \times 10 = 30$, then $0.3 \times 0.1 = \underline{\hspace{1cm}0.03}$

15) If $3 \times 4 = 12$, then $0.003 \times 0.4 = \underline{\hspace{1cm}0.0012}$

16) If $7 \times 9 = 63$, then $0.007 \times 0.009 = \underline{\hspace{1cm}0.000063}$

17) If $6 \times 4 = 24$, then $0.006 \times 0.04 = \underline{\hspace{1cm}0.00024}$

18) If $3 \times 7 = 21$, then $0.003 \times 0.007 = \underline{\hspace{1cm}0.000021}$

19) If $10 \times 8 = 80$, then $1 \times 0.008 = \underline{\hspace{1cm}0.008}$

20) If $6 \times 3 = 18$, then $0.6 \times 0.003 = \underline{\hspace{1cm}0.0018}$

Answers

1. **0.09**2. **0.00004**3. **0.00012**4. **0.007**5. **0.6**6. **0.054**7. **0.0021**8. **0.00016**9. **0.08**10. **0.016**11. **0.008**12. **0.0028**13. **0.024**14. **0.03**15. **0.0012**16. **0.000063**17. **0.00024**18. **0.000021**19. **0.008**20. **0.0018**

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