Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $5 \times 7 = 35$, then $0.5 \times 0.7 =$ _____

1. _____

2) If $5 \times 7 = 35$, then $0.5 \times 0.07 =$ _____

2. _____

3) If $7 \times 2 = 14$, then $0.7 \times 0.02 =$ _____

3. _____

4) If $3 \times 4 = 12$, then $0.003 \times 0.004 =$ _____

4. _____

5) If $5 \times 8 = 40$, then $0.5 \times 0.008 =$ _____

5. _____

6) If $4 \times 3 = 12$, then $0.004 \times 0.003 =$ _____

6. _____

7) If $10 \times 7 = 70$, then $1 \times 0.007 =$ _____

7. _____

8) If $9 \times 3 = 27$, then $0.009 \times 0.03 =$ _____

8. _____

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

9. _____

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

10. _____

11) If $9 \times 6 = 54$, then $0.009 \times 0.6 =$ _____

11. _____

12) If $2 \times 10 = 20$, then $0.02 \times 0.01 =$ _____

12. _____

13) If $2 \times 4 = 8$, then $0.002 \times 0.004 =$ _____

13. _____

14) If $10 \times 5 = 50$, then $1 \times 0.5 =$ _____

14. _____

15) If $7 \times 8 = 56$, then $0.07 \times 0.08 =$ _____

15. _____

16) If $6 \times 2 = 12$, then $0.6 \times 0.02 =$ _____

16. _____

17) If $5 \times 2 = 10$, then $0.005 \times 0.02 =$ _____

17. _____

18) If $3 \times 6 = 18$, then $0.03 \times 0.06 =$ _____

18. _____

19) If $8 \times 4 = 32$, then $0.08 \times 0.4 =$ _____

19. _____

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

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

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Solve each problem.

1) If $5 \times 7 = 35$, then $0.5 \times 0.7 = $ ___0.35___

1. **0.35**

2) If $5 \times 7 = 35$, then $0.5 \times 0.07 = $ ___0.035___

2. **0.035**

3) If $7 \times 2 = 14$, then $0.7 \times 0.02 = $ ___0.014___

3. **0.014**

4) If $3 \times 4 = 12$, then $0.003 \times 0.004 = $ ___0.000012___

4. **0.000012**

5) If $5 \times 8 = 40$, then $0.5 \times 0.008 = $ ___0.004___

5. **0.004**

6) If $4 \times 3 = 12$, then $0.004 \times 0.003 = $ ___0.000012___

6. **0.000012**

7) If $10 \times 7 = 70$, then $1 \times 0.007 = $ ___0.007___

7. **0.007**

8) If $9 \times 3 = 27$, then $0.009 \times 0.03 = $ ___0.00027___

8. **0.00027**

9) If $8 \times 10 = 80$, then $0.008 \times 0.1 = $ ___0.0008___

9. **0.0008**

10) If $5 \times 8 = 40$, then $0.05 \times 0.8 = $ ___0.04___

10. **0.04**

11) If $9 \times 6 = 54$, then $0.009 \times 0.6 = $ ___0.0054___

11. **0.0054**

12) If $2 \times 10 = 20$, then $0.02 \times 0.01 = $ ___0.0002___

12. **0.0002**

13) If $2 \times 4 = 8$, then $0.002 \times 0.004 = $ ___0.000008___

13. **0.000008**

14) If $10 \times 5 = 50$, then $1 \times 0.5 = $ ___0.5___

14. **0.5**

15) If $7 \times 8 = 56$, then $0.07 \times 0.08 = $ ___0.0056___

15. **0.0056**

16) If $6 \times 2 = 12$, then $0.6 \times 0.02 = $ ___0.012___

16. **0.012**

17) If $5 \times 2 = 10$, then $0.005 \times 0.02 = $ ___0.0001___

17. **0.0001**

18) If $3 \times 6 = 18$, then $0.03 \times 0.06 = $ ___0.0018___

18. **0.0018**

19) If $8 \times 4 = 32$, then $0.08 \times 0.4 = $ ___0.032___

19. **0.032**

20) If $4 \times 10 = 40$, then $0.4 \times 0.01 = $ ___0.004___

20. **0.004**

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