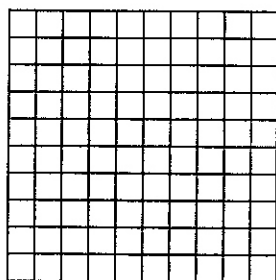


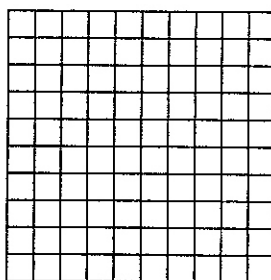
**Explore Multiplying Decimals by Decimals**

Shade 10-by-10 grids to find each product.

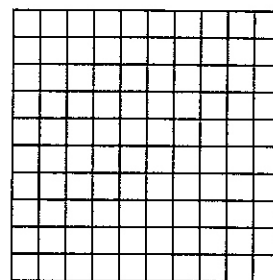
1.  $0.4 \times 0.7 =$  \_\_\_\_\_



2.  $0.7 \times 0.3 =$  \_\_\_\_\_



3.  $0.2 \times 0.8 =$  \_\_\_\_\_



Multiply.

4.  $0.8 \times 0.4 =$  \_\_\_\_\_

5.  $0.3 \times 0.6 =$  \_\_\_\_\_

6.  $0.6 \times 0.9 =$  \_\_\_\_\_

7.  $0.7 \times 0.8 =$  \_\_\_\_\_

8.  $0.9 \times 0.5 =$  \_\_\_\_\_

9.  $0.5 \times 0.6 =$  \_\_\_\_\_

10.  $0.4 \times 0.4 =$  \_\_\_\_\_

11.  $0.7 \times 0.7 =$  \_\_\_\_\_

12.  $0.5 \times 0.2 =$  \_\_\_\_\_

13.  $0.3 \times 0.3 =$  \_\_\_\_\_

14.  $0.5 \times 0.7 =$  \_\_\_\_\_

15.  $0.3 \times 0.9 =$  \_\_\_\_\_

16. 
$$\begin{array}{r} 0.4 \\ \times 0.9 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 0.5 \\ \times 0.5 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 0.2 \\ \times 0.7 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 0.1 \\ \times 0.8 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 0.8 \\ \times 0.6 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 0.7 \\ \times 0.9 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} 0.9 \\ \times 0.8 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} 0.2 \\ \times 0.1 \\ \hline \end{array}$$

24. 
$$\begin{array}{r} 0.9 \\ \times 0.2 \\ \hline \end{array}$$

25. 
$$\begin{array}{r} 0.7 \\ \times 0.6 \\ \hline \end{array}$$

**Problem Solving**

26. Van bought a poster for his room that measures 0.6 m by 0.4 m. Shade the grid to find the area of the glass Van needs to cover the poster. What is the area of the glass?

