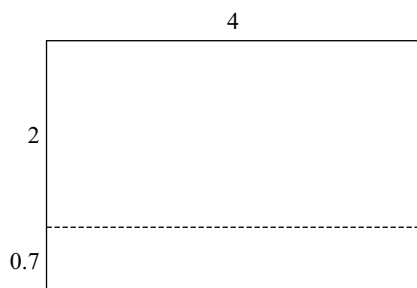


Decimal Multiplication with Area Diagrams

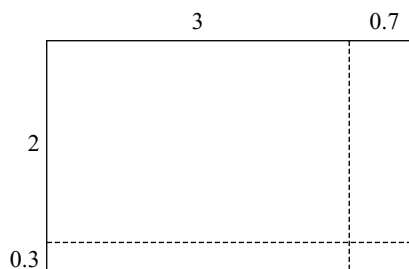
Date _____ Period _____

Find the product by completing the area diagram.

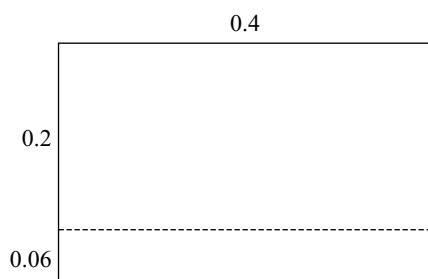
1) 4×2.7



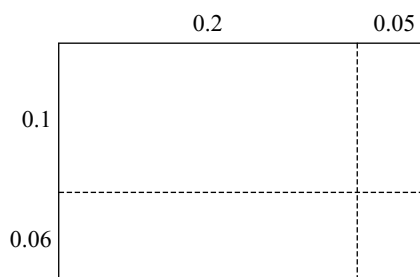
2) 3.7×2.3



3) 0.4×0.26



4) 0.25×0.16

**Find the product using an area diagram.**

5) 8×5.6

6) 3.9×2.4

7) 0.17×0.1

8) 0.38×0.24

Find the product two ways. Use an area diagram and then use a vertical calculation.

9) 2.9×2

10) 0.29×0.17

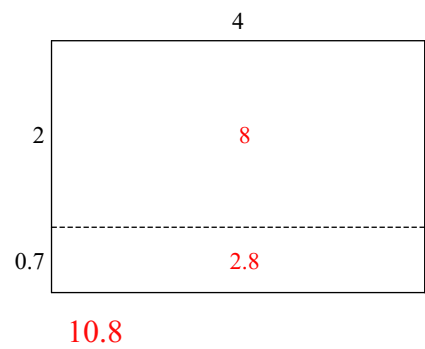
11) 0.17×0.1

Decimal Multiplication with Area Diagrams

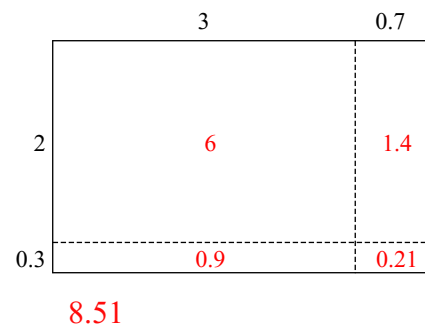
Date_____Period____

Find the product by completing the area diagram.

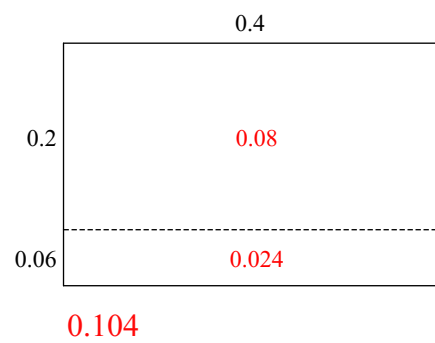
1) 4×2.7



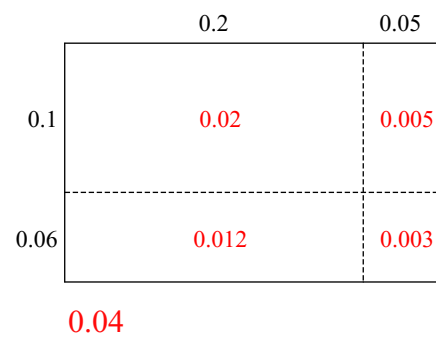
2) 3.7×2.3



3) 0.4×0.26

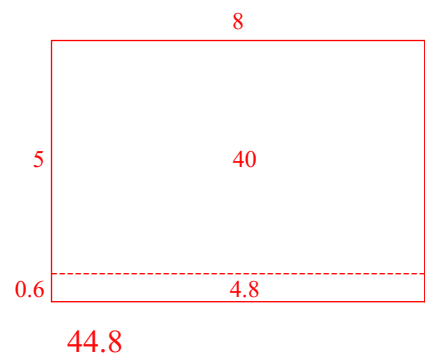


4) 0.25×0.16

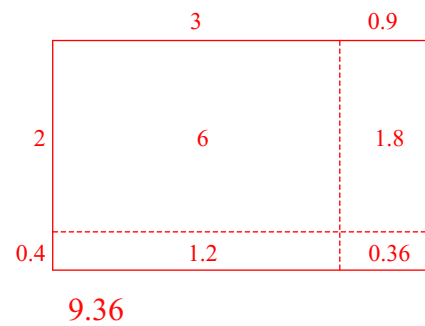


Find the product using an area diagram.

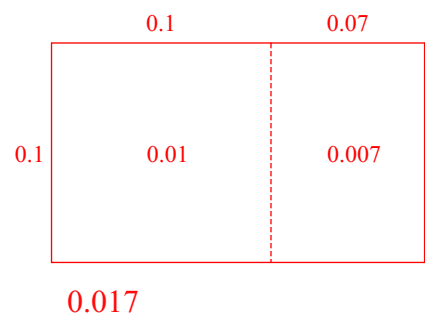
5) 8×5.6



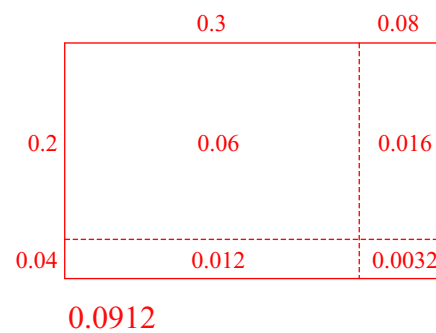
6) 3.9×2.4



7) 0.17×0.1

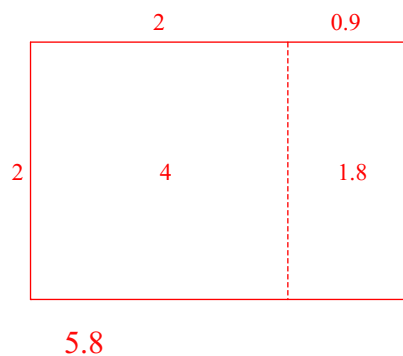


8) 0.38×0.24



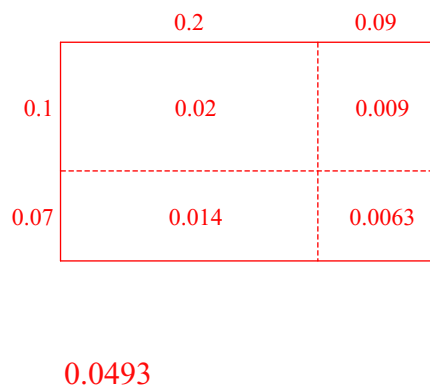
Find the product two ways. Use an area diagram and then use a vertical calculation.

9) 2.9×2



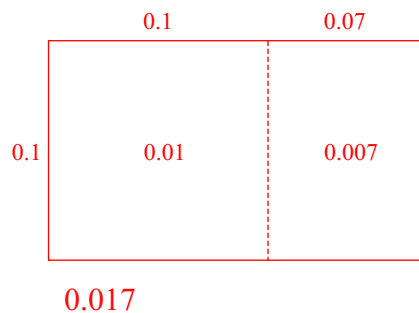
$$\begin{array}{r} 2.9 \\ \times 2 \\ \hline 1.8 \\ + 4.0 \\ \hline 5.8 \end{array}$$

10) 0.29×0.17



$$\begin{array}{r} 0.29 \\ \times 0.17 \\ \hline .063 \\ .140 \\ .090 \\ + .0200 \\ \hline 0.0493 \end{array}$$

11) 0.17×0.1



$$\begin{array}{r} 0.17 \\ \times 0.1 \\ \hline .07 \\ + .010 \\ \hline 0.017 \end{array}$$