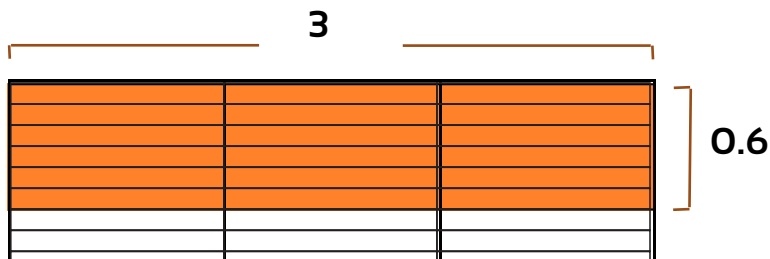


This is always true:

$$\text{ones} \times \text{tenths} = \text{tenths}$$

Look at this example:



Because



This is a

## PREVIEW

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**Rule for**  $3 \times 0.6 = 1.8$  is in the question; the answer has the same number of decimal places.

$$\begin{array}{c}
 1 \quad 1 \\
 \downarrow \quad \downarrow \\
 3 \times 0.6 = 1.8
 \end{array}$$

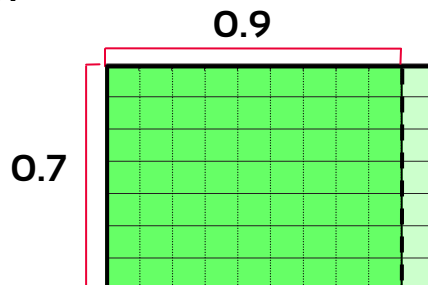
Now work these out:

- 1)  $4 \times 0.7 = \underline{\quad}$     2)  $5 \times 0.9 = \underline{\quad}$     3)  $2 \times 0.8 = \underline{\quad}$

This is always true:

**tenths x tenths = hundredths**

Look at this example:



Because

9



This is a

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**Rule for multiplying decimals:** count the decimal places in the question; the answer has the same number of decimal places.

$$\begin{array}{ccc}
 1 & + & 1 & = & 2 \\
 \downarrow & & \downarrow & & \downarrow \\
 0.9 & \times & 0.7 & = & 0.63
 \end{array}$$

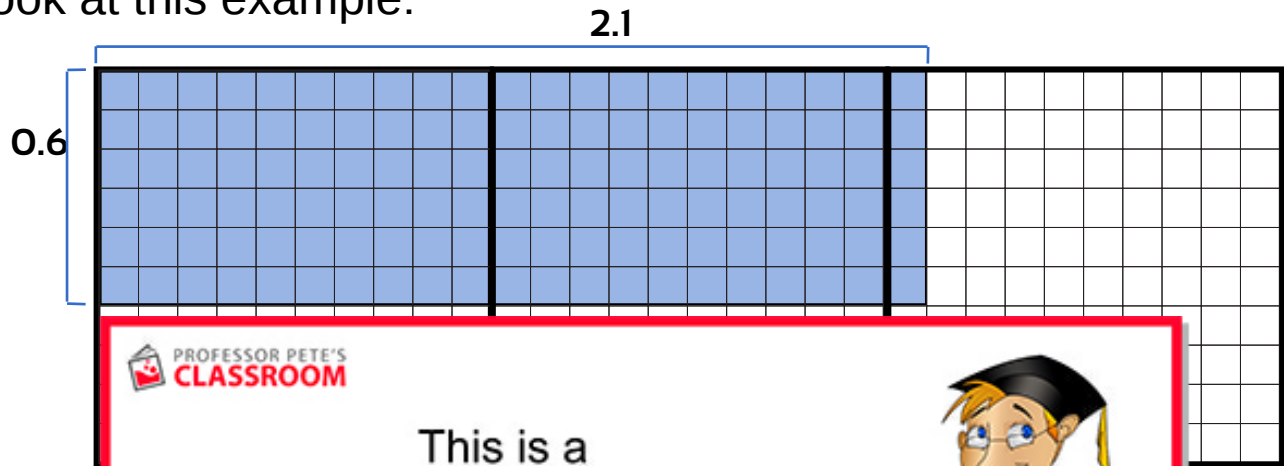
Now work these out:

- 1)  $0.2 \times 0.6 =$  \_\_\_\_\_    2)  $0.4 \times 0.4 =$  \_\_\_\_\_    3)  $0.8 \times 0.1 =$  \_\_\_\_\_

This is always true:

**tenths x tenths = hundredths**

Look at this example:



Because  
6 te

PROFESSOR PETE'S CLASSROOM

This is a

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**Rule for multiplying decimals.** Count the decimal places in the question; the answer has the same number of decimal places.

$$\begin{array}{c}
 1 + 1 = 2 \\
 \downarrow \quad \downarrow \quad \downarrow \\
 0.6 \times 2.1 = 1.26
 \end{array}$$

Setting out:

$$\begin{array}{r}
 2.1 \\
 \times 0.6 \\
 \hline
 1.26
 \end{array}$$

Notice your answer is in hundredths. Don't try to line up the decimal points in your answer. Just place the decimal point so your answer is in hundredths.

**tenths x tenths = hundredths**