Name _____ Date _____

Decimal Products

Use with Activity 2.

Multiplication strategies

area model

expression
1.4 x 3.7

	3	0.7
1	3	0.7
0.4	1.2	0.28

3 + 0.7 + 1.2 + 0.28 = 5.18
product

Distributive Property

expression
1.4 × 3.7

1.4 × 3.7 = (1.4 × 3) + (1.4 × 0.7)
= 4.2 + 0.98
= 5.18
product

standard algorithm

expression
1.4 × 3.7

$$\begin{array}{r} {\scriptstyle 1\ \ 2} \\ 1.4 \\ \times\ 3.7 \\ \hline {\scriptstyle 1}\ 9.8 \\ 4\ 2.0 \\ \hline 5.1.8 \end{array}$$

1 decimal place each
1 + 1 = 2 decimal places
2 decimal places
product

_____ solved for the product by . . .
(I/My partner)

Multiplying with whole numbers as a strategy to find the product of 2 decimals _____ always work because . . .
(will/will not)

I placed the decimal point _____ because . . .

I can determine the location of the decimal point when multiplying any 2 decimals by . . .

Word bank

English	decimal	decompose	digit	factor	whole
Español	decimal	descomponer	dígito	factor	entero