

Name: _____

THURSDAY
NIGHT

**Check
Me
Out!**



Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsesmath.weebly.com/homework.html

This week: writing decimals in expanded form and rounding decimals to various places.

Use the partial product method to find the product of each pair of two-digit numbers. An example is done for you.

EXAMPLE: $43 \times 27 = ?$

$$\begin{array}{r} 43 \\ \times 27 \\ \hline 21 \\ 280 \\ 60 \\ + 800 \\ \hline 1161 \end{array}$$

$67 \times 42 =$ _____

$83 \times 75 =$ _____

Write each number in expanded form as shown in the example.

EXAMPLE: $43.26 = (4 \times 10) + (3 \times 1) + (2 \times \frac{1}{10}) + (6 \times \frac{1}{100})$

4.41

124.59

Round each decimal to the nearest tenth, hundredth, and thousandth and fill in the chart with your results.

original number	rounded to the nearest tenth	rounded to the nearest hundredth	rounded to the nearest thousandth
3.7542	___ . ___	___ . ___	___ . ___
5.861907	___ . ___	___ . ___	___ . ___
4.9271	___ . ___	___ . ___	___ . ___

In the grid to the right, same shapes represent the same number and different shapes represent different numbers.

The numbers at the end of each row and column are the sums of the numbers in the rows and columns.

Find the value of the unknowns.

		ROWS			
		<i>a</i>	<i>b</i>	<i>c</i>	
COLUMNS	<i>a</i>	○	9	□	30
	<i>b</i>	◇	□	9	29
	<i>c</i>	5	○	□	26
		30	30	25	

○ = _____ ◇ = _____ □ = _____