

Name: _____

MONDAY
NIGHT

**Check
Me
Out!**



Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsemath.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: $43 \times 27 = ?$

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

$92 \times 17 =$ _____

$64 \times 23 =$ _____

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

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

815.54

8.77

Round each decimal to the nearest tenth.

$14.37 \approx \underline{\hspace{2cm}}$

$9.52 \approx \underline{\hspace{2cm}}$

$6.8497 \approx \underline{\hspace{2cm}}$

Round each decimal to the nearest hundredth.

$28.963 \approx \underline{\hspace{2cm}}$

$4.137 \approx \underline{\hspace{2cm}}$

$1.30295 \approx \underline{\hspace{2cm}}$

Create two numbers that round to 2.7 when rounded to the nearest tenth.

$\underline{\hspace{2cm}} \approx 2.7$

$\underline{\hspace{2cm}} \approx 2.7$

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>	8	◇	□	29
	<i>b</i>	○	◇	9	29
	<i>c</i>	□	10	○	23
		21	38	22	

$\bigcirc = \underline{\hspace{2cm}} \quad \diamond = \underline{\hspace{2cm}} \quad \square = \underline{\hspace{2cm}}$