RATIOS

→ A _____ allows you to COMPARE _____ quantities that are of the same nature, in a given order and expressed in the _____ units.

→ The _____ of the number **a** to the number **b** can be noted in three ways:

1. _____

2. _____

3. _____

→ _____ is known as the _____ term of the ratio, and _____ is the _____ term of the ratio.

The easiest way to look at it is we are _____ part **a** to part **b.**

→ A ratio written as a _____ and can be _____ the same way that other fractions can be, and they can also be written as a _____.

→ For example:
the ratio 6:8 could be written as: _____

it can also be reduced:

this fraction can also be written as a decimal:_____

Therefore, the ratio 6:8 can be written as:

Notice!: we can reduce the fraction when it is in _____ _____ as well.

Let's do some examples:

1. It took Lucy 1 hour to drive to Toronto while it took Ricky 50 minutes. What is the ratio of the time Lucy drove to the time Ricky drove?

   **Remember, we said that when we're comparing two quantities, they must be expressed in the _____ _____.

   First, let's state what we know:

   Lucy=_____   Ricky=_____

   Next, we need both driving times in the same units:

   Lucy=_____   Ricky=_____

   Show the ratio in words:

   _____:_____

   Finally, we enter the numbers and reduce the ratio:

   Final answer:_____

***<u>**NOTICE**</u> that the order of the _____ in the _____ are important!

2. Reduce the ratio:

9 Months **to** 3 years

Step 1:

Step 2:

Step 3:

Homework:

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#1,
#2,
#3 a/b/c.
#4 a/b/c.
#5a/b/c.
#6 a.
#7 a/b/c.
#8.