

We are transitioning to the new UMathXI

The “U” in UMathX and UMathXI ... is ... “UNDERSTANDING”



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webinar/workshop

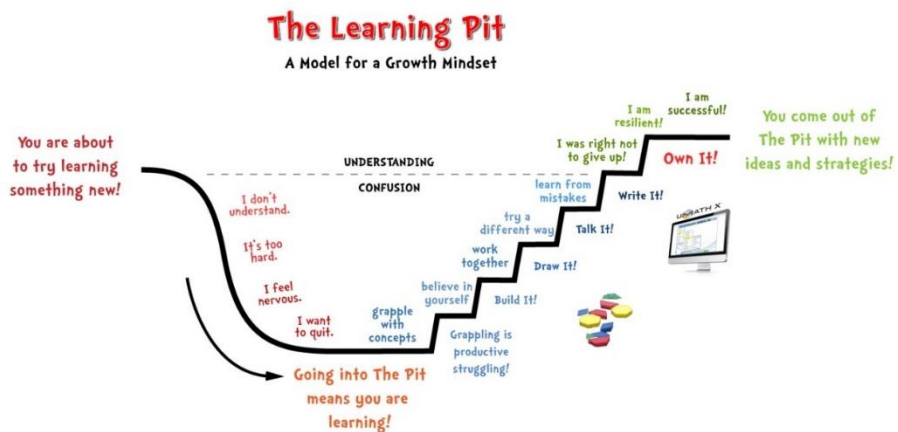
following UMathX Learning Resources are available as we transition to new UMathXI:

- [Support Sheets](#) (with solutions)
- [Frameworks](#) – model lessons (with answers)
- [Interactive Videos](#) at www.umathx.com in 6,7
- [Previous versions of UMathX for K to 10](#)
 1. Click to download: [Understanding Numeration](#) ... gr k to 3
Serial Number: **3-B18652928-465**
 2. Click to download: [Understanding Math](#) ... gr 4 to 10
Serial Number: **5-B17611264-681**

Instructions Before the Workshop/Webinar
Notify us at info@umathx.com if you would like a webinar.

Setting up .. “The Learning Environment

1. UMathX What is it? **Play video at ..** www.umathX.com



2. UMathXI Access: URL... Username... Password...

Getting Started with the Framework .. Decimal Addition .. Right to Left

Jack and Jim were a team in a bass fishing tournament. To win a prize they needed to catch 2 bass which weighed more than 4 kilograms in total. Jack caught a bass that weighed 2.26 kilograms and Jim caught one that weighed 1.17 kilograms. Will Jack and Jim win a prize?

Think about a strategy that does not require a pencil. Discuss this with your partner.

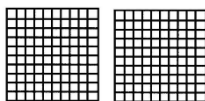
I think they [will] / [will not] (circle one of them) win a prize because

Now use base 10 blocks to represent the above information. Complete the information below. Shade in the number representation.


Ones	Tenths	Hundredths
2	2	6



Ones	Tenths	Hundredths



My answer for the total weight is _____

If  **UMATH XI** is available to you, from within the **Content Menu** follow the path:

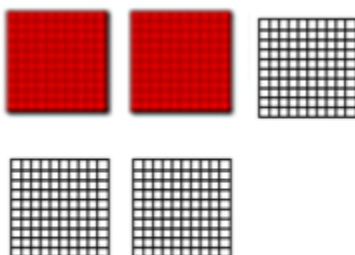
Fractions > Addition & Subtraction of Decimals > Adding Decimals > Method 3 > Right to Left

Complete the notes below as you work through **Example 1 – With Grids**

Work through the example on the computer. As you come to each of the screen shots shown below, stop your work at the computer and fill in the missing information on the drawings on this sheet. Check your drawing to see if you agree with what is on the computer screen..

IF UMathXI is not yet available to you, then work with a partner to pick a weight and show it in the diagram below. Also use base 10 blocks. Talk about the picture. Do you agree?

Ones	Tenths	Hundredths
2	<input type="checkbox"/>	6
+ 1	1	7
	<input type="checkbox"/>	3



In **UMathXI**, if available to you, from within the **Content Menu** follow the path:

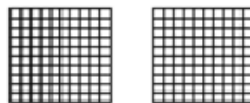
Fractions > Addition and Subtraction of Decimals > Adding Decimals > Method 3

Work through the section .. **Example 2 – With Grids** and record the drawings in a workbook.

Record the information in the drawings on the computer screen in your notes.

If **UMathXI** is **NOT AVAILABLE** to you, then do the following with a partner and base 10 blocks.

Ones	Tenths	Hundredths
2.	2	6
+ 1.	1	7
<input type="checkbox"/>	4	3



Working In It:

The amount of food that a pair of beluga whales is fed is based on their total length.

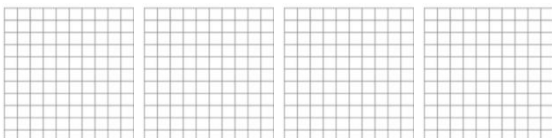
If the male is 3.73 m long and the female is 2.49 m long, then determine the total length of whales.

Work with your partner to shade in the correct decimal value for each whale and complete the addition.

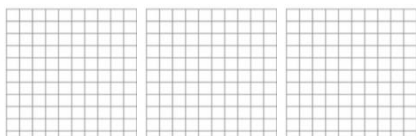
Also work with the base 10 blocks on your desk.

Talk about the meaning of each number using the squares below and the blocks on your desk.

$$3.73$$



$$2.49$$



	Ones	Tenths	Hundredths
Total			

Reflect And Connect:

In your notebook, develop a word problem on addition of decimals.

Exchange sheets with your partner, and solve each other's questions.

Talk about both of your results.

What is wrong with the following? Now solve the problem correctly.

$$2.34 + 0.2 = 2.36$$