

Lets start by getting our digits in their rightful places. See if you can help Pa multiply and divide these numbers by 10 and 100 (Here's a tip... you gotta get the point—in the right place I mean!):

$981 \times 10 = \underline{\quad}$	$981 \times 100 = \underline{\quad}$
$1980 \div 10 = \underline{\quad}$	$1980 \div 100 = \underline{\quad}$
$89.1 \times 10 = \underline{\quad}$	$8.91 \times 100 = \underline{\quad}$

Poor old Pa sure was bad at mental calculation. Here are the prices he was charged per crate of drink.

<i>\$45 a barrel whisky</i>	<i>\$28 a crate of Stout</i>
<i>\$49 a barrel rum</i>	<i>\$35 a crate of Lemonade</i>
<i>\$27 a barrel ale</i>	<i>\$20 a crate of gin.</i>

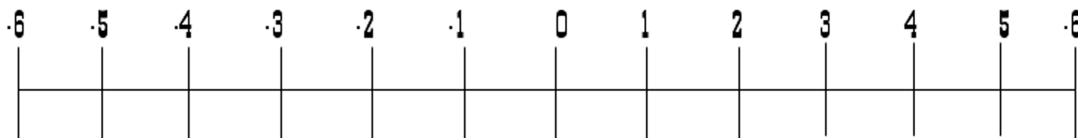
See if you can help him out by addin' these orders up in yer head:

two barrels of whisky = _____ one crate of stout and a crate of gin _____
a barrel of rum, a barrel of ale , a crate of gin and a crate of lemonade _____
four barrels of rum _____ five crates of stout _____

The kid sure had a good way of remembering how to round up and down: "5 and above round 'em up! Anything below, down you go". See if you can round the following numbers to the nearest 10, nearest 100 and nearest 1000. Jot yer answers down on the lines below:

	to the nearest 10	to the nearest 100	to the nearest 1000
862	_____	_____	_____
625	_____	_____	_____
2579	_____	_____	_____

Those river levels sure went up and down a lot. Juan told us it goes up 6 places, then falls 3 places then goes up another 6 places, then falls 8 places and finally rises 3 places and falls 5. Phew! If the river level starts on -3 where will it end up? Here's a number line to help ya work it out:



write yer answer here: _____

Addin' up in yer head is fine and dandy, but sometimes it's just too darned hard. That's when pen and paper can get you outta all sorts of trouble. Try these three calculations using that pen of yours and show your workings in the space below (don't forget to carry over the extras!):

- | | | |
|----------------|----------------|-----------------|
| 1. $243 + 631$ | 2. $947 + 373$ | 3. $583 + 2463$ |
|----------------|----------------|-----------------|

QUICKFIRE QUESTIONS

Find two consecutive numbers that add up to 187: _____ and _____

What's the largest number you can make out of those digits? _____

Now round that number to the nearest 1000: _____

What's the product of seven times sixty? _____

The square of 4 is: _____ The square root of 49 is _____

Does 792 divide by 9? _____

Calculate the sum of 249 and 53 in your head _____

Find the difference between 96 and 325 _____

What's the missing number in this series: - 7, - 4, - 1, _____, 5

Divide 95.47 by 10 _____ now multiply the answer by 1000 _____

And finally, using the code above work out what this says:

$$\begin{array}{l} \mathbf{3 \times 7 = \square} \quad \mathbf{3 \times 3 = \square} \quad \mathbf{1 \times \square = 6} \\ \mathbf{\square \times 5 = 30} \quad \mathbf{5 \times 3 = \square} \quad \mathbf{8 \times \square = 40} \end{array}$$

the message says: _ _ _ _ _ !

So long partner. It's sure been good makin' yer acquaintance