The B-RELYT Organization, Inc.
Week of 4/29/2020 - www.b-relyt.org
Theme this week: Mental Math

K-2nd Grade

Parents/Guardians: Verbally practice adding 10 to a number 1 through 9 (I call these your ten addition facts) with your child daily, until the next B-RELYT post. This is mental math, meaning I want your kids to add in their head

Have your child create a number line 1-30. Tape this number line to an area where you can have your child sit, and for 5 minutes every day next week have them add various number learning that addition moves to the right and subtraction moves the left.

10 addition fact:

10 + (a number 1-9; is the number being added plus 10,)

Example
10+ 5 = 15

Show them vertically why this is true zero plus five equals five and you have to bring down the 1

$$\begin{array}{r} 10 \\ +5 \\ \hline 15 \end{array}$$

gets your child thinking of math mentally.

3rd Grade

Parents/Guardians: Please have your child continue with their multiplication facts continuing with 6-12. For their mental math this week tell them that any number time 10 is that number with one zero at the end.

Examples:

9*10 = 90
24*10 =240

If they have a good understanding of multiplying time 10 then it is ok to tell them the same is true for multiples of 10, i.e. 100,1000, 10,000. A number times the multiple of 10 is the number being multiplied with the respective amount of zeros in the multiple of 10.

Multiples of 10
10*10= 100
100* 10 = 1000
1000*10 =10,000

Examples:

50*1000 =50,000

5*10,000 =50,000

Quiz your child before bedtime on this concept (stating 10 times 50 is what?). And have them repeat the rule above for multiplying by 10 (and multiples of 10 if you advance). **For 3rd Grade only we are having a competition, where third graders will draw pictures with the respective groupings from 2-12 .**

4^{th} & 5^{th} Grade

Parents/Guardian: It is important in fourth and fifth grade that you be able to do one and two digit division. Please have your child do one problem per night before bed. go fluidly from a fraction, to a decimal and understand percentages. With that being said, the best way to do this is with word problems.

It is important that your child do their work neatly
After your child finishes their problem for the night have them correct the problem immediately after.
Number your problems vertically , in other words do not do your math from left to right like we read. It is easier and as you move up in Math t to follow these rules

Example:

1. 25,575 ÷ 9

   STEPS :
   a. Rewrite the problem

   b. Show all your work

   c. Check your answer

Problems for 4th and 5th graders.

1. 35,455 ÷ 5
2. 152,297 ÷ 3
3. 8960 ÷ 8
4. 75,981 ÷ 9
5. 555,550 ÷ 10
6. 759,696 ÷ 12
7. 855 ÷ 25
8. 250 ÷ 6
9. 1260 ÷ 28
10. 960 ÷ 16

NOTE:

- **B-RELYT does provide more details, when we are teaching kids Math directly. However, this is being given to you as a tool to begin to strengthen your child's Math skills, while preparing them for Pre-Algebra, Algebra I and Algebra II.**
- **Please check-in and leave any comments or questions on the B-RELYT Facebook page or IG: @b_relyt1**
- **If your child finds his/her work too easy, by all means introduce the next grade level to them.**
- **These practice worksheets will be posted bi-weekly through May 31, 2020.**