



B-RELYT
where knowledge is power

The B-RELYT Organization, Inc.
Week of 4/22/2020 - www.b-relyt.org

K-2nd Grade

Parents/Guardians: Verbally practice adding 9 to a number 1 through 9 (I call these your nine addition facts) with your child daily, until the next B-RELYT post.

9 addition fact:

9 + (a number 1-9; is 1 less than the number being added , with a 1 in front of that number)

Example

$$9+1 = 10$$

Proof of the fact above $1-1=0$ and then putting a 1 in front of the zero = 10

This only works for $9 + (a \text{ number } 1-9)$ and gets your child thinking of math mentally.

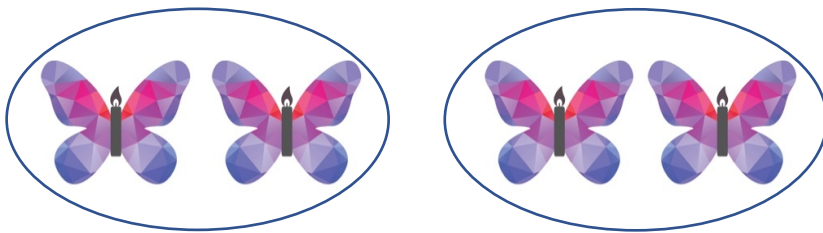
3rd Grade

Parents/Guardians: Multiplication is crucial in the 3rd Grade and by this time your child should actually have memorized multiplying by numbers 2 through 12 (multiplication facts). However, if your child struggles with learning their multiplication facts by the end of 3rd grade, it is ok to allow them to use a scientific calculator as you practice memorization during the summer. If your child learns differently make sure to talk to your child's fourth grade teacher for this accommodation.

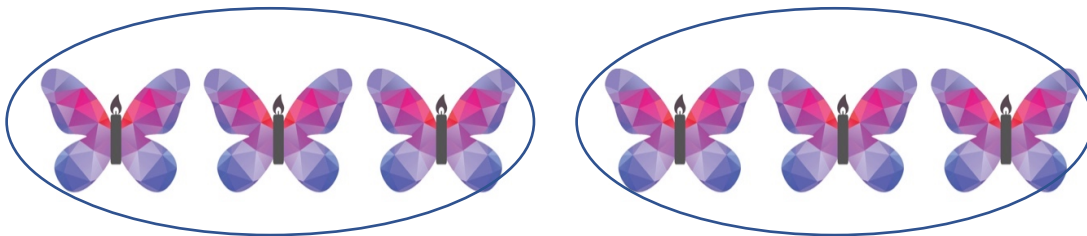
Multiplication is just a different way of adding. You are adding in groups. The groups are dependent on what you are multiplying. You and your child should read aloud and discuss the examples below:

$$2 * 2 = 4$$

$2 * 2 =$ two groups with two butterflies in each group

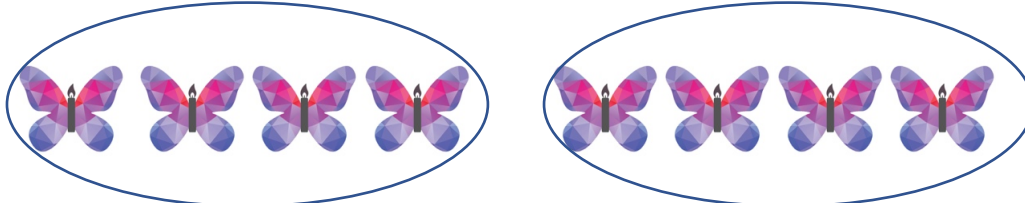


$$2 * 3 = 6$$



Please tell your child the first number is the number of groups and the second number is how many butterflies (or whatever they draw) that will be in that group.

$$2 * 4 = 8$$



And for Mental Math with multiplication say any number times one is that number. And quiz them before bedtime on this concept (stating one times 10,000 is what?). Make sure you get them to draw their math multiplication facts for 20 minutes each day. **For 3rd Grade only we are having a competition, where third graders will draw pictures with the respective groupings from 2-12 . The multiplication drawings must be submitted by Friday May 8, 2020 by email to info@b-relyt.org.**

4th & 5th Grade

Parents/Guardian: It is important in fourth grade that you be able to 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.

Example:

Simone received a score of 35 out of 40 on her most recent Math quiz. What is Simone's percent on this math quiz?

35 out of 40 = $\frac{35}{40}$ If we reduced this fraction dividing the numerator and denominator by 5 would be $\frac{7}{8}$.

Have your child using their calculator divide 35 by 40 and 7 by 8. Both answers result in 0.875

To change to a percent $0.875 * 100 = 87.5\%$

Have your child change the numbers in this example every night and go through the solution step by step above with you once a night before bedtime.

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.**

