Madawaska School Department Power Math Standard

OA.O

"Students can use multiplication or division to solve equations or word problems involving missing numbers and/or a letter standing for an unknown quantity. Example: (35 x B = 140)" **CC: 4.OA.2**

Home or School **Learn It**	Home or School **Practice It**	Information for **For Parents**
Videos: **What is a variable?** Simple equations Describing steps when solving problems Operations and algebraic thinking Thinking of operations and algebraic thinking Algebraic thinking Numbers & algebraic thinking	**Practice material is on the counter in back of classroom. (Remember: Any time that you are not sure or that you are confused, go back and listen to the videos.)** **Note: You cannot move on to the next level if you don't know your times tables and how to divide.** **Practice:** • **Work on the practice sheets. Get the answer sheet in the folder and correct your answers. Go back and fix your mistakes, if needed.** • **Make sure you show your work.** • **You don't need to do all the practice sheets before taking a prove-it.**	**Students make drawings to represent word problems (e.g., Gus has two trees in his yard. The first tree is 18 feet tall and the second tree is 6 feet tall. How many of the second tree would equal the height of the first tree?) Students label drawings with measurements and write equations to represent the comparisons (e.g., 18 ÷ 3 = 6). Using the same drawings students write a multiplication problem to represent the missing factor in the multiplicative comparison (e.g., 6 x n = 18).** **Students write equations to represent word problems (e.g., Henry is 9 years older than William. William is 4. William is two times older than Lisa.). Students discuss and write equations to determine Henry's age and Lisa's age (e.g., 4 + 9 = Henry, Henry is 13 years old. 4 ÷ 2 = Lisa. Lisa is 2 years old.) Students explain why addition solved one equation and division solved the other equation.**

	These activities can be done as often as you want. These are to practice your skills. • **Word problems** • **Not ready yet. Go on IXL and do some word problems. (You can go on this as often as you want.)** • **Go to auto-scored quizzes at www.multiplication.com** **Activities: (on Friday)** • **Multiplication game, "I have.... who has?", in small group. (material for this activity is on the counter underneath the board)** • **"Roll and Answer" activity with a partner. You have to roll 2 dice, find the sum, and answer the problem that matches the sum that you rolled. Write your answer in the box. Correct your answers from the binder.** • **Multiplicative Comparision cards** • **Task cards** **Prove it: You have to take 3 different "prove-its". See Mrs. Daigle when you are ready. If you don't pass on your "prove-it",**	

	you have to go back and practice some more.	