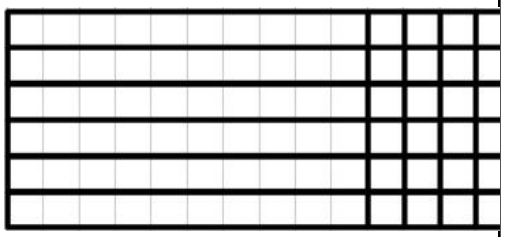
Madawaska School Department Power Math Standard

OA.N (CC 3.OA.7)

"Students can use multiplication and division strategies to solve equations within 100 and two-step word problems. (Division with no remainders)"

Note: *Students must know multiplication facts 0-12.* *Mastery of facts required.*

Home or School **Learn It**	Home or School **Practice It**	Information for **For Parents**
Videos: **Properties of multiplications** **Patterns in multiplication tables** **Unknowns with multiplication & division** **Multiplication as groups of objects** **Word problem: blueberries** **Multiplication word problem: soda party** **Solve word problems** Understanding multiplication word problems visualizing a division word problem Khan Academy Video Division 1	www.multiplication.com Go to auto-scored quizzes **Multiplication Practice:** Xtramath **Games** Demolition Division Division Derby Drag Race Division Pony Division **Multi Step Word Problems** IXL Level E. I.7 IXL Level F F.4	Example of two-step word problem: Mrs. Moore's third grade class wants to go on a field trip to the science museum. * The cost of the trip is $245. * The class can earn money by running the school store for 6 weeks. * The students can earn $15 each week if they run the store. 1. How much more money does the third grade class still need to earn to pay for their trip? 2. Write an equation to represent this situation. **Solution** a. We can start by finding out how much money the students can make at the store:

Math Antics Basic Division Premium Kids Video Basic Division Multiplying 2- digit by 1- digit		a.  b. Since 6×15=6×10+6×5=60+30=90 c. 245−90=155 d. the students still need $155 dollars for the field trip. e. We can let n stand for the amount of money they still need. We know that the amount they can make at the store is 6×15 and the amount they need to raise is 245, so one equation is f. 245−6×15=n g. Another possible equation is 6×15+n=245