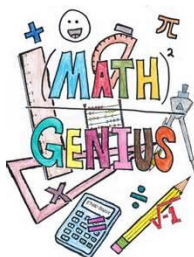


# MATH MINUTE CHAPTER 6

## Chapter 6 Key Concepts

- Division of Fractions
- Algebraic Expressions
- Area and Perimeter
- Order of Operations
- Combining Like Terms
- Area of a Trapezoid



$$\frac{(b+t) \cdot h}{2}$$



## ORDER OF OPERATIONS

REMEMBER TO  
CIRCLE YOUR  
TERMS!!!!

$$5 + 10 \div 2 \cdot 5 - 2$$

$$5 + 5 \cdot 5 - 2$$

$$5 + 25 - 2$$

$$30 - 2$$

$$28$$

REMEMBER: ORDER OF OPERATIONS

**P**LEASE **E**XCUSE **M**Y **D**EAR **A**UNT **S**ALLY

Please = Parentheses  
Excuse = Exponents  
My Dear = Multiplication and/or Division  
Aunt Sally = Addition and/or Subtraction



## DIVISION OF FRACTIONS

$$2 \div \frac{1}{3} = \frac{2}{1} \div \frac{1}{3} = \frac{2}{1} \times \frac{3}{1} = \frac{6}{1} = 6$$

dividend      divisor      Write in fraction form.      Multiply by the reciprocal      simplify

## ALGEBRA TILES

**EXAMPLE**

$A = 2x^2 + 3x + 1$  sq. units  
 $P = 6x + 8$  units

Parent Signature: \_\_\_\_\_