

## Middle School Math Skills Sequence

### 6<sup>th</sup> Grade

1. Mixed basic facts
2. Addition & subtraction of fractions w/like denominators
3. Addition & subtraction of fractions w/unlike denominators
4. Addition & subtraction of mixed numbers
5. Multiplication & division of fractions
6. Multiplication & division of mixed numbers
7. Mixed fractions
8. Double digit multiplication w/decimals
9. Substitution of whole numbers to solve equations
10. Subtraction of fractions to solve equations

### 7<sup>th</sup> Grade

1. Mixed basic facts
2. Addition & subtraction of fractions w/unlike denominators
3. Multiplication & subtraction of fractions
4. Addition & subtractions of mixed numbers
5. Multiplication & division of mixed numbers
6. Mixed fractions
7. Addition & subtraction of integers
8. Multiplication & division of integers
9. Mixed (add, sub, mult, divide) integers
10. Proportional equations of a percentage & written equations including the statement “of” (e.g., 5% of 100 = \_\_\_\_\_)
11. Order of operations
12. Inverse operations (add, sub)
13. Inverse operations (mult, div)

### 8<sup>th</sup> Grade

1. Mixed basic facts
2. Mixed fractions w/unlike denominators (add, sub, mult, div)
3. Add, subtract, multiply, & divide integers of varied sign
4. Solve one-step equations w/rational numbers as coefficient or as solution
5. Solve an algebraic proportion (some non-integer answers)
6. Calculate the missing value in a percentage problem
7. Solve two-step equations