Rising 5ᵗʰ Grade
Math Review Packet
Summer 2017

Name:_____
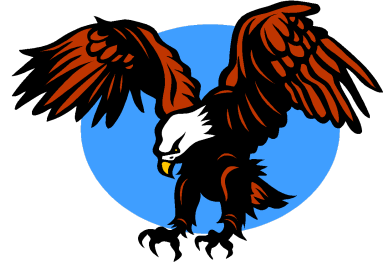
Dear Hancock Student and Parents,

Your 5th grade math teacher is looking forward to teaching you many math concepts next school year. In preparation for another successful start to a new school year, you must review the concepts and complete all problems included in this packet. The concepts in the packet are those which you should have mastered in your 4th grade math class. You are encouraged to work each problem with great effort and perhaps study your multiplication tables on a regular basis this summer.

The following procedures should be used for completing your summer math packet:

1. **Complete all problems**. You may answer the problems directly in the math packet. Make sure your name is written on your math packet. It would be wise to work a couple of pages each week in your math packet instead of waiting until the last minute!

2. **NO calculators please!** Show your work, when necessary, for each problem.

3. Your packet will be graded for effort and serve as a quiz grade for the first trimester. There will be a grade deduction for each incomplete page. After the school year has begun, an assessment drawn directly from the objectives in this packet will be given. This assessment will serve as a test grade for the first trimester.

4. Your summer math packet is due on the first day of school.

Should you have any questions regarding your math packet, please email Mrs. Crawford at wcrawford@hancockdayschool.org (5th grade math teacher).

Sincerely, Whitney Crawford

Essential Skill: Read and write whole numbers through hundred millions and decimals through hundredths.

Write the following numbers in word form, spelling all words correctly.

1) 791,000 _____

2) 70,910 _____

3) 23.98 _____

4) 210,304,005.6

_____

_____

Write the following numbers in standard notation.

5) nineteen thousand, eight   _____

6) four and seven tenths   _____

7) twenty-three million, seven hundred two thousand _____

Essential Skill: Compare and order whole numbers through hundred millions and decimals through hundredths.

Compare the following using the following (<, >, =).

1)   457,345_____467,435   2)   5,789_____5.798

3)   56.09_____56.90   4)   234.7_____234.07

5)   325,203,300_____325,504,300

Order the following numbers from least to greatest.

6) 234,987 ; 254,979 ; 234,867

_____

Order the following numbers from greatest to least

7) 345.6 ; 345.7 ; 346.7

_____

Essential Skill: Round to indicated place, from tenths through hundred millions.

Round

1) Round 7,890.98 to the tenths place.   _____

2) Round 123,456 to the thousands place. _____

3) Round 1,365,098 to the hundreds place. _____

4) Round $6.98 to the nearest whole dollar. _____

5) Round 10,865 to the ten thousands place. _____

6) Round 783,400,000 to the hundred millions place. _____

Essential Skill: Adds and subtracts 2 digit numbers

Add or Subtract—show your work and circle your answer.

1) 234.56 + 1.23 =   2) 987.21 – 3.40

3) 234.56 – 1.23   4) 145.16 + 34.76

Solve—show your work

5) Sherry's boss gave her $345.98 for the extra work she did over the summer. Sherry decided to buy a new bike and helmet with part of her earnings and to save what she had left over. The bike cost $145.99, and the helmet cost $25.89. How much was Sherry able to put into her savings account after she purchased the bike and helmet?

_____ (unit)

Essential Skill: Multiply extended facts.

1) 200 x 400 =   2) 50 x 30 =   3) 9 x 6,000 =

4.) 30 x 700 =   5) 8 x 8,000 =   6) 120 x 40 =

Essential Skill: Multiplies a 2 or 3 digit number by a 1, 2, or 3 digit number.

Show your work and circle your final answer.

1) 82 x 3   2) 73 x 4   3) 987 x 5

4) 222 x 4   5) 97 x 19   6) 12 x 54

7) 783 x 63   8) 405 x 60

Essential Skill: Divide by a 1 and 2 digit divisor. If the quotient includes a remainder, please record the remainder as a fraction.

Show your work, when appropriate, and circle your final answer.

1) 900 / 60   2) 320 / 80   3) 630 / 70

4) 138 / 6   5) 384 / 4   6) 675 / 7

Essential Skill: Adds and subtracts fractions with like denominators.

Add or subtract. Simplify if necessary and circle your final answer.

1) 1/4 + 2/4 =   2) 3/8 + 4/8 =

3) 6/9 - 3/9 =   4) 4/6 – 2/6 =

5) Will lives two-fifths of a mile from school. It is another one-fifth of a mile to the store. How far is it from Will's house to the store?

_____(unit)

6) Susan had five-eighths of a liter of milk left in a bottle. She drinks three-eighths of a liter. How much does she have left?

_____(unit)

Essential Skill: Recognize equivalent names for fractions and decimals.

Fill in the chart.

Fraction (use simplest form)	Decimal
1/2	
	0.2
	0.25
2/5	
	0.6
3/4	
	0.8
5/5	

Essential Skill: Calculate perimeter and area of squares and rectangles.

Draw a model to help you solve.

1) Mrs. Crawford wants to build a fence in her backyard for her dog, Kona. The fence will be 50 feet long and 35 feet wide. How many feet of fencing should Mrs. Crawford buy?

_____(unit)

2) Mrs. Crawford would like to cover the area inside the fence with fresh sod. How many square feet of sod does Mrs. Crawford need?

_____(unit)

Essential Skill: Convert units of measurement.

Fill in the blank.

1) 1 foot = _____ inches   2) 5 feet = _____ inches

3) 1 yard = _____ feet   4) 24 feet = _____yards

5) 30 inches = _____feet   6) 5 yards = _____feet

Essential Skill: Use keywords to choose appropriate operations for multiplication and division in problem solving/math reasoning.

Read the following problems and solve. Please remember to show your work.

1)There are 15 students in the art club. By the end of the school year, each student had made 23 pictures. How many pictures did the students make in all? _____(unit)

2)There are 8 rows of 576 cars in a parking garage. How many cars are in each row? _____(unit)

3)Each week 615 cars drive through the wildlife park. How many cars will drive through the park in 24 weeks? _____(unit)

4)The community center is putting new floor tiles in 6 rooms. They have used 2,250 floor tiles for all their rooms. Each room is the same size. How many floor tiles will be used in each room? _____(unit)