Rising 5th Grade

Math Review

EXTENSION Packet

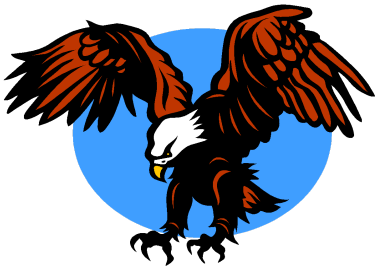
Summer 2021

Name:_____

Hancock Day School

Rising 5th Grade

Summer Math Review Packet



Dear Hancock Student and Parents,

The following packet contains mid to higher level extensions to existing concepts learned in 4th grade. **This extension packet IS NOT MANDATORY** but so students asked for more work over the summer and I was more than thrilled to comply with their request.

The following procedures should be used for completing this extension 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. This packet will NOT be graded but will serve as a guide for my instruction next year. There will be a grade deduction for each incomplete page.

4. If you choose to do this extension packet, it is due on the first day of school.

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

Sincerely,

Ashley Taylor

Essential Skill: Word Problems-Estimate the sum or difference by *rounding each number to the nearest tens*. *Be sure to include your units with your answer.*

1) Fred worked on the farm storing bales of hay in the barn. The first day he stacked 777 bales and 866 bales on the second day. How many bales were stored in the barn?

2) Tom has 594 green balloons, he gave Benny 354 of the green balloons. How many green balloons does he now own?

High Skill: recognize prime and composite numbers.

A) Circle all the Prime numbers.

13	54	37	96	89	45	61
29	2	10	69	36	53	47
41	79	72	5	97	27	84

Essential Skill: Subtracting Mixed Numbers with Like Denominators (Regrouping)

1. $3\frac{7}{11} - 2\frac{9}{11} =$ _____
2. $3\frac{5}{12} - 1\frac{7}{12} =$ _____
3. $4\frac{2}{4} - 2\frac{3}{4} =$ _____
4. $5\frac{4}{7} - 1\frac{5}{7} =$ _____

Higher Skill: Complete the equivalent fractions.

1. $\frac{2}{4} = \frac{\quad}{28} = \frac{\quad}{16}$
2. $\frac{4}{10} = \frac{20}{\quad} = \frac{\quad}{100}$
3. $\frac{3}{5} = \frac{24}{\quad} = \frac{18}{\quad}$
4. $\frac{15}{24} = \frac{75}{\quad} = \frac{\quad}{48}$

Essential and High Skill: Multiplying fractions by whole numbers. Simplify all answers.

1. $\frac{1}{8} \times 8 =$
2. $8 \times \frac{3}{12} =$
3. $\frac{2}{6} \times 9 =$
4. $4 \times \frac{9}{12} =$
5. $\frac{1}{12} \times 8 =$
6. $\frac{2}{4} \times 10$

Essential and High Skill: Recognize equivalent names for fractions and decimals.
Click above the dash to insert on top and on the dash to insert below.

Fill in the chart.

Fraction	Decimal
$\frac{1}{2}$	
	0.2
	0.25
$\frac{2}{5}$	
	0.6
$\frac{3}{4}$	
	0.8
$\frac{5}{5}$	

Essential Skill: Adds and subtracts 2 digit numbers

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

1) 234.56 + 1.23 =

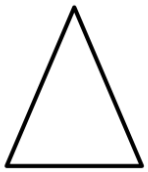
2) 987.21 – 3.40

3) 234.56 – 1.23

4) 145.16 + 34.76

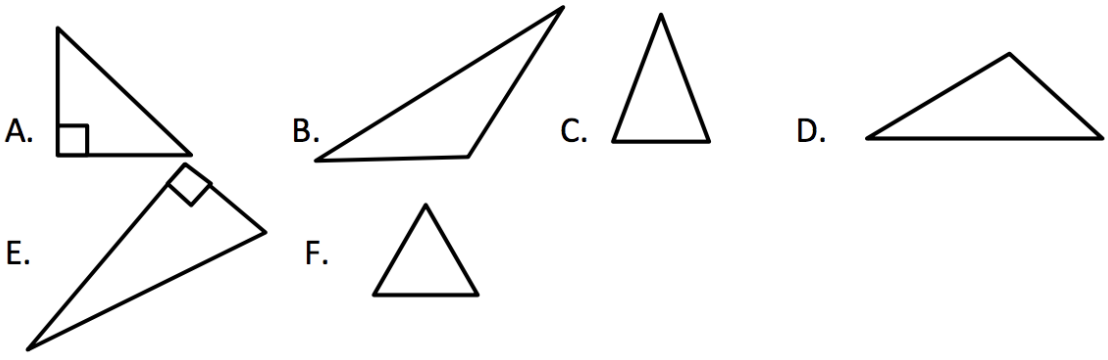
Essential skill: Geometry-Triangle Classification; understanding lines and symmetry.

1. Tyler made a pennant that looks like a triangle. How can you classify the triangle based upon its sides?



The triangle is a(n) _____ triangle.

2. Write the letter of the triangle under its correct classification.



Acute Triangle	Obtuse Triangle	Right Triangle

3. What term best describes the figure shown below?

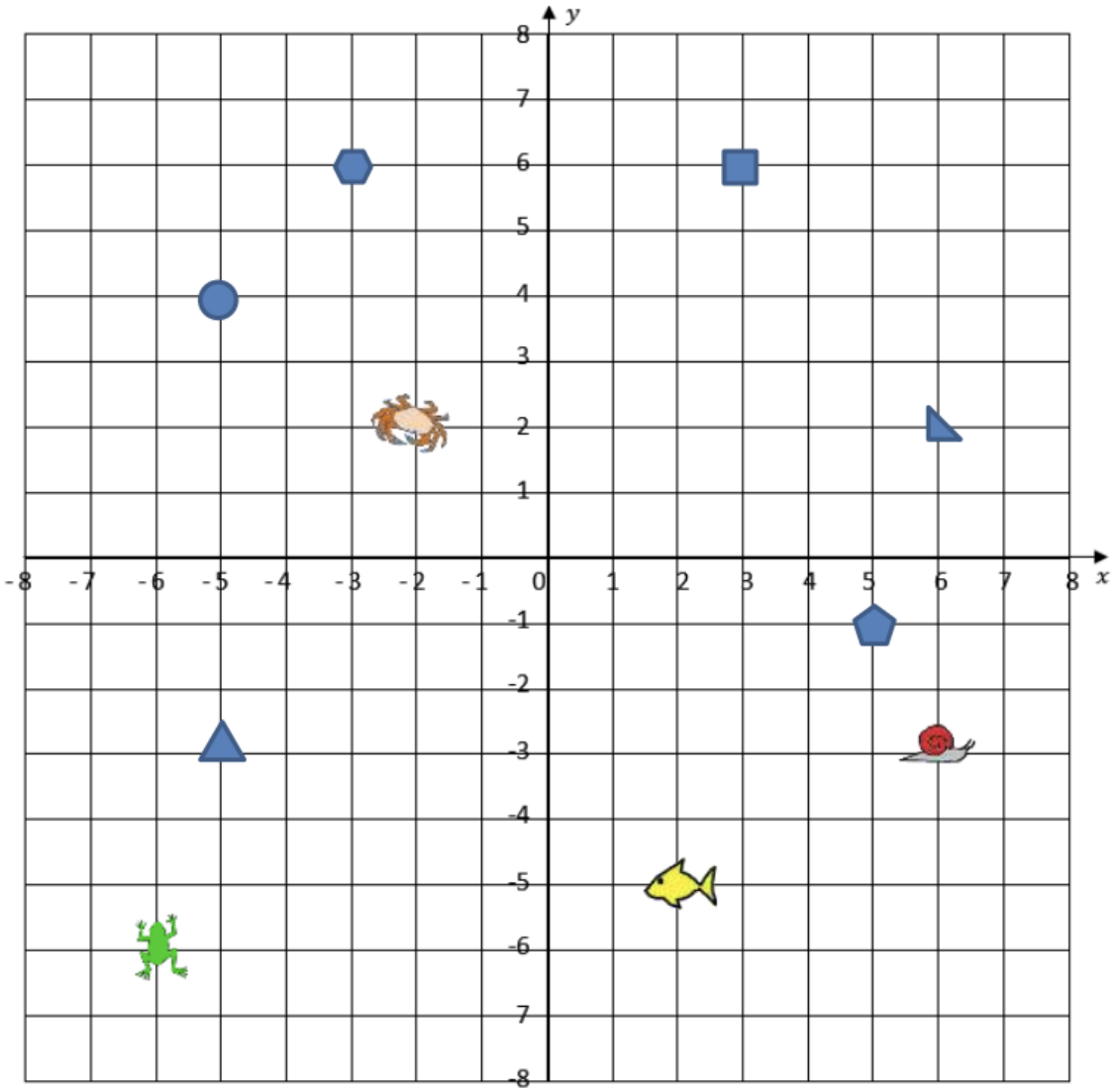
_____

4. Skylar drew the figure below. Draw all the lines of symmetry.

5. Draw a right angle.	6. Are all intersecting line perpendicular? Explain.
7. Draw a line that is parallel to the line below. 	8. Do all shapes have lines of symmetry? Explain.

Higher Skill: Coordinate Plane-all four quadrants

Use the coordinate grid to work out the coordinates below.



1) Circle (-5, 4)
2) Square (___, ___)
3) Hexagon (___, ___)
4) Frog (___, ___)
5) Fish (___, ___)
6) Pentagon (___, ___)
7) Right triangle (___, ___)
8) Equilateral triangle (___, ___)
9) Crab (___, ___)
10) Snail (___, ___)