

Name: _____

MATH 5 SCRAPBOOK PROJECT

DUE WEDNESDAY, SEPTEMBER 12, 2018

You will create a scrapbook with the following information listed below on a separate page. Your project will be graded on accuracy, neatness, grammar, and overall creativity. **NO LATE PROJECTS!** Your scrapbook must be neat and colorful. Projects can be **neatly** handwritten or typed. If you create it digitally, you can use Slides, PowerPoint, Prezi, or another presentation module. **PLEASE DO NOT WAIT UNTIL THE LAST MINUTE TO COMPLETE THIS PROJECT!**

To submit your project, join the 6th Grade Google Classroom using the code hs7hra6. Please share your final project to the google classroom. If you choose to create your project by hand, please add a comment stating this and press submit assignment.

1. Title Page- On this page, you must display the title: **Scrapbook Project**, your name, the due date (September 12, 2018), and your 7th grade teacher's name must also be included.

2. Table of Contents- On this page, you must list all the topics that will be included in your booklet and the page number each topic can be found on.

3. Adding and Subtracting Fractions- On this page, you must answer the following questions, **SHOWING YOUR WORK FOR EACH.**

a. $6\frac{1}{3} + 2\frac{1}{12}$

c. $7 - 4\frac{3}{4}$

b. $3\frac{2}{7} + \frac{1}{2}$

d. $1\frac{1}{2} + \frac{1}{6}$

4. Adding and Subtracting Decimals: On this page, you must answer the following questions, **SHOWING YOUR WORK FOR EACH.** Then you will create and solve your own adding or subtracting decimals word problem.

a. $2.23 + 12.13$

b. $10.04 - 6.75$

c. $0.987 + 12.1$

d. $8.902 - 2.351$

e. Create a word problem that involves using an algebraic equation. Solve your problem and explain how you solved it.

5. Multiplying and Dividing Fractions- On this page, you must answer the following questions, **SHOWING YOUR WORK FOR EACH.**

a. $18 \div 7$

c. $\frac{2}{9} \div \frac{1}{4}$

b. $1\frac{1}{12} \times 2\frac{4}{5}$

d. $\frac{5}{7} \times \frac{3}{4}$

6. Multiplying and Dividing Decimals-On this page, you must answer the following questions, **SHOWING YOUR WORK FOR EACH.**

a. $50.4 \div 2.4$

b. $77.86 \div 0.85$

c. 1.43×0.12

d. 6.3×0.76

7. Connecting Words and Math Expressions- On this page you will answer a word problem. Then you will create and solve your own math expression word problem. You must **EXPLAIN** how to solve the problem and how you know your answer is correct.

a. Francesca has a garden at her home. She has 3 rows of tomato plants with 8 plants in each row. She also has 5 rows of zucchini pants with 6 plants in each row. Write and evaluate an expression to solve.

b. Create a word problem that involves writing and solving a math expression. Solve your problem and explain how you solved.

8. Order of Operations- On this page, you must answer the following questions, **SHOWING YOUR WORK FOR EACH.**

a. $3 \times (8 - 2) + 3^2$

c. $(27 - 3) \div 4 + 3^2$

b. $2 \times (11 - 4) - 2^2$

d. $(4 + 5)^2 + (12 \div 6)$

9. Area, Perimeter, and Volume- On this page, you must describe what area, perimeter, and volume are. State the equation for each and explain what it means. Provide an example for area, perimeter, and volume.

10. Graphing On this page, you must explain how to graph the following points. Then explain what the difference is between x-axis and y-axis. At what point do they intersect?

a. (1, 5)

c. (5, 3)

b. (2, 6)

d. (4, 7)

11. Reflection- On this page, you must **write a paragraph containing a minimum of 5 sentences** of what your favorite topic is in math class. Please explain what the topic is, why this is your favorite topic, and how you can incorporate this topic in everyday life.

THIS SCRAPBOOK PROJECT WILL COUNT AS 1 TEST GRADE!!!

Rubric

	Below Expectations (1)	Approaching Expectations (2)	Meeting Expectations (3)	Exceeding Expectations (4)
Adding and Subtracting Fractions	Problems are incorrect and the work provided is incomplete.	2-3 of the problems are correctly solved. Work for each problem is incomplete.	Correctly solved all four problems and included work for each problem.	Correctly solved all four problems and included work for each problem. The work provided is neat and organized.
Adding and Subtracting Decimals	Explanations are incorrect and the work provided is incomplete.	Student created a word problem, but the explanation is not accurate. 2-3 of the problems are correctly solved. Work for each problem is incomplete.	Explained how to solve their word problem. Correctly solved all four problems and included work for each problem.	Critically explained how to solve their word problem. Correctly solved all four problems and included work for each problem. The work provided is neat and organized.
Multiplying and Dividing Fractions	Problems are incorrect and the work provided is incomplete.	2-3 of the problems are correctly solved. Work for each problem is incomplete.	Correctly solved all four problems and included work for each problem.	Correctly solved all four problems and included work for each problem. The work provided is neat and organized.
Multiplying and Dividing Decimals	Problems are incorrect and the work provided is incomplete.	2-3 of the problems are correctly solved. Work for each problem is incomplete.	Correctly solved all four problems and included work for each problem.	Correctly solved all four problems and included work for each problem. The work provided is neat and organized.
Connecting Words and Math Expressions	Explanations are incorrect and the work provided is incomplete.	Student created a word problem, but the explanation is not accurate. The work for each problem is not shown algebraically.	Explained how to solve their word problem. Both the created word problem and provided word problem are solved algebraically. All steps are provided.	Critically explained how to solve their word problem. Both the created word problem and provided word problem are solved algebraically. All steps are neatly provided.
Order of Operations	Problems are incorrect and the work provided is incomplete.	2-3 of the problems are correctly solved. Work for each problem is incomplete.	Correctly solved all four problems and included work for each problem.	Correctly solved all four problems and included work for each problem. The work provided is neat and organized.
Perimeter, Area, and Volume	Problems are incorrect and the work provided is incomplete. There are no explanations or formulas provided.	Explained perimeter, area, and volume. The formulas were provided. There were errors in the examples provided.	Explained perimeter, area, and volume. The formulas given are explained and provided. Provided examples of each with work shown.	Critically explained perimeter, area, and volume. The formulas given are thoroughly explained and provided. Provided realistic examples of each. The work provided is neat and organized.
Graphing	Many errors are present in the descriptions. The comparison between the x and y axis are incorrect.	Correctly described how to graph each point starting at the axis. The explanation of the difference between the x and y axis and where they meet has minor errors.	Correctly described how to graph each point starting at the axis. Explained the difference between the x and y axis and where they meet.	Correctly described how to graph each point starting at the axis. Critically explained the difference between the x and y axis and where they meet.
Reflection	The reflection, explanation, and/or connection does not meet the minimum requirements.	Reflection meets the minimum of 5 sentences. The topic is not explained or does not include a connection.	Reflection meets the minimum of 5 sentences. The topic is explained and includes a connection to everyday life.	Reflection exceeds length minimum. The topic is critically explained and includes realistic connections to the student's everyday life.
Organization	The project requirements are not in order.	The project includes all requirements. Some of the work is not in the outlined order.	The project is organized and includes all necessary requirements.	The project is put together in an organized way. All requirements are easily accessible (titles, page numbers, etc.).
Grammar	There are many grammatical and punctuation errors.	Project includes 3-6 grammatical or punctuation errors.	Project includes 1-2 grammatical or punctuation errors.	Project does not include any grammatical or punctuation errors.
Neatness & Creativity	The project does not show any creativity and is not neat.	Project is neat, but shows little creativity.	Project is neat and shows creativity.	Project exceeds expectations of neatness and creativity.
Date	Project was turned in after the due date.	Project was turned in on time.		

Total: _____/50