Congratulations! You're ready for 7th Grade!

In order to keep your mind active during the summer, you will complete the problems in the pages that follow. The problems in this packet will help you review the skills and concepts of your 6th Grade year.

You can work on this at any time. July is the suggested month. You are expected to complete the problems **by the first day of school**. You **must show your "work" (process/strategy)** in the space provided for every problem set. If you use notebook paper to show your work, staple those pages to this packet. Your **answers should include correct units**, if applicable.

Packets will **NOT** be accepted without proof of an effective strategy. The expectation is that you **know how to complete these types of problems on your own and WITHOUT the aid of a calculator**.

*** If printing this packet is not possible, you may submit your work on notebook paper. Use the same format as in the packet. Handwriting should be legible. Otherwise, you will redo it.

We hope you enjoy your vacation and come back ready to take on 7th Grade Math in the Fall.

Saturday, June 29	Sunday, June 30
$2\frac{3}{4}+\frac{2}{3}=$ $3\frac{4}{5}-\frac{9}{10}=$	$3\frac{1}{4}+\frac{1}{3}=$ $3\frac{4}{5}-\frac{5}{10}=$

Monday, July 1 There are 321 visitors at the library. Each library table seats 12 people. How many tables are needed to seat all of the visitors?	Process (Strategy):	Answer:
Tuesday, July 2 Amy's older brother works 35 hours each week. If he earns $18 an hour, how much does he earn in one week?	Process (Strategy):	Answer:
Wednesday, July 3 Anton is making a fruit salad. He uses $\frac{2}{3}$ cup of grapes and $\frac{1}{2}$ cup of strawberries. What is the total amount of fruit Anton uses?	Process (Strategy):	Answer:
Thursday, July 4 Rolf spent 15 hours last week practicing his saxophone. If $\frac{3}{10}$ of the time was spent practicing warm-up routines, how much time did he spend practicing warm-up routines?	Process (Strategy):	Answer:
Friday, July 5 A train travels at 110 miles per hour. At this rate, how far will the train travel in $2\frac{1}{2}$ hours?	Process (Strategy):	Answer:

Saturday, July 6	Sunday, July 7
$\frac{3}{7} \times 4 =$ $\quad$ $1\frac{3}{4} \times 5 =$	$\frac{4}{5} \div 4 =$ $\quad$ $15 \div \frac{1}{3} =$

Monday, July 8	Process (Strategy):	Answer:
Maria has $\frac{3}{4}$ pound of cheese to use making sandwiches. She uses about $\frac{1}{32}$ pound of cheese on each sandwich. How many sandwiches can she make?		
Tuesday, July 9	Process (Strategy):	Answer:
Barney has $16\frac{1}{5}$ yards of fabric. To make an elf costume, he needs $5\frac{2}{5}$ yards of fabric. How many costumes can Barney make?		
Wednesday, July 10	Process (Strategy):	Answer:
At the grocery store, a six-pack of bottled water costs $2.88. How much does each bottle cost?		
Thursday, July 11	Process (Strategy):	Answer:
Almonds cost $3.49 per pound. A bag of almonds costs $6.95. To the nearest whole pound, about how many pounds of almonds are in the bag?		
Friday, July 12	Process (Strategy):	Answer:
A cabinetmaker buys 3.5 liters of oak varnish. The varnish costs $4.95 per liter. What is the total cost of 3.5 liters of varnish?		

Saturday, July 13 2.35 + 15.09 = 0.009 + 123.5 =	Sunday, July 14 12.35 – 5.09 = 12.09 – 3.505 =

Monday, July 15 Amery drives 50 miles in one hour. How many miles does he drive in 2.25 hours?	Process (Strategy):	Answer:
Tuesday, July 16 The chess club members bought 6 tickets to a tournament for $15. How much would they have paid if all 9 members wanted to go?	Process (Strategy):	Answer:
Wednesday, July 17 The bus to the exposition averaged 18 miles to a gallon of gas. How far away was the exposition if they used 8 gallons of gas for the round trip?	Process (Strategy):	Answer:
Thursday, July 18 Pam's ratio is 2 cups club soda to 5 cups juice. Barry is making punch with 3 cups club soda to 8 cups juice. Erin is also making punch with 4 cups of club soda to 10 cups of juice. Whose ratio is the same as Pam's?	Process (Strategy):	Answer:
Friday, July 19 Wayne has a recipe on a 3-inch-by-5-inch index card that he wants to enlarge to 15 inches long. How wide will the enlargement be?	Process (Strategy):	Answer:

Saturday, July 20 $5.35 \times 7.2 =$ $14.35 \div 7 =$	Sunday, July 21 $2.5 \times 0.004 =$ $45.09 \div 0.9 =$	
Monday, July 22 In 2012, five U.S. postal stamps cost $2.20. How much did seven stamps cost?	Process (Strategy):	Answer:
Tuesday, July 23 Mr. Sanchez drives 120 miles in 3 hours. At the same rate, how far will he drive in 5 hours?	Process (Strategy):	Answer:
Wednesday, July 24 The price of a shirt was $38. It was reduced by 20%. What was the price of the shirt after the reduction?	Process (Strategy):	Answer:
Thursday, July 25 Jackie made $30 babysitting last week. Her brother Joe made only 80% as much as she did. How much did Joe make?	Process (Strategy):	Answer:
Friday, July 26 Yesterday, Bethany sent 60 text messages. She said that 15% of those messages were to her best friend. How many text messages did Bethany send to her friend yesterday?	Process (Strategy):	Answer:

Saturday, July 27		Sunday, July 28	
$7 + (-3) =$	$9 \times (-5) =$	$-19 + 19 =$	$-12 \times (-5) =$
$-9 - 5 =$	$-34 \div 34 =$	$-9 - (-7) =$	$-23 \div -23 =$

Monday, July 29	Process (Strategy):	Answer:
In a survey, 27% of the people chose salads over a meat dish. In all, 81 people chose salads. How many people were in the survey?