

Name:

Incoming 4th Grade Summer Assignments



Reading Score_____

Math Score _____

Miss Melissa Cournoyer

Summer 2019



Welcome new 4th graders and families!

Over the long summer, research has shown that children regress in their knowledge and skills. To help avoid some of this “summer slump”, your child will be asked to complete a reading assignment and a math packet/assignment

Reading assignment

Please select **one** of the following books:

The Boxcar Children Book #1 by Gertrude Chandler Warner

Mr. Popper’s Penguins by Richard and Florence Atwater

Tale of Despereaux by Kate DiCamillo

You must complete the outline provided based on your chosen book. Please write in complete sentences. This outline will help you with an assignment you will complete on your book in September.

Math Packet and Khan Academy

The Math assignment is split into two parts and is meant to help you maintain 3rd grade math curriculum standards.

1.) Math packet pages:

You are to complete the packet portion as best you can, and I will correct it during the first two weeks of school. **You must show all your work.** I included resource pages at the end of the packet that can be used to help you with the packet.

2.) Khan Academy:

Students will also be required to complete Khan Academy minutes in addition to the packet. Please make sure your child adds me as a coach using our class code: **XWG45PZG** as soon as possible. If you are new to our school, a parent can make a Khan account for their child. Please contact me if you are having difficulty.

All students need to complete **30 minutes of minutes by July 31st AND another additional 30 minutes by August 27th**. You can check Khan minutes by clicking on the “Progress” tab and then click “Activity”. Please remember Khan only counts working time only, and it will not count things such as switching between tasks, taking breaks with the screen on, or changing avatars.

Students are to complete Khan minutes for the subject of math in one or more of the following ways:

- Type in “MAP Recommended Practice” and completed recommended skills.
- Start work on the Grade 4 Mission or Course in math.
- Complete assigned assignments from the teacher.

Please do not try to complete this packet all at once as it’s best to work on it a little bit at a time over the summer. Below is a recommended schedule of how you can space out the math assignments:

Week 1- Week 1 page
Week 2- Week 2 page
Week 3- 30 working minutes on Khan Academy
Week 4- Week 4 page
Week 5- Week 5 page
Week 6- 30 working minutes on Khan Academy
Week 7- Week 7 page in the packet
Week 8- Week 8 page in the packet
Week 9- Week 9 page in the packet
Week 10- Check over your work

******In addition, please make sure you continue to review all your basic math facts over the summer. You need to know all your addition and subtraction facts. Also, you need to know all your multiplication facts up to 9x9. These facts must be memorized and should be able to be recalled quickly. I cannot stress enough how critical math facts are to the 4th grade curriculum.

Due Date

Both the reading outline and the math packet are due on the first day of school. I expect you to complete all of the assignments to the best of your ability. I will be reviewing your work during the first two weeks of school. The outline will count as one test grade for reading. The math portion will also count as one test grade (80% from packet pages and 20% from Khan minutes)

Name:

Summer Reading Assignment Outline

Write in complete sentences.

Selected book and author: _____

Main Characters: _____

Setting: _____

Describe the **main** events in the story

1.) _____

2.) _____

3.) _____

4.) _____

5.) _____

6.) _____

What is your favorite part of this story?

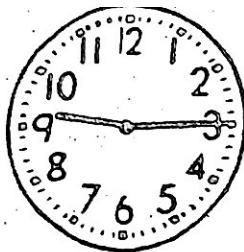
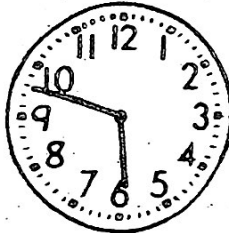
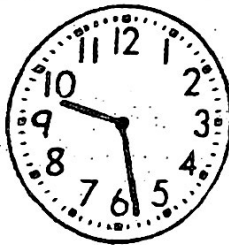
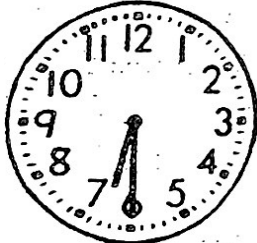
Give 3 reasons why this was your favorite part. Give specific examples.

1.) _____

2.) _____

3.) _____

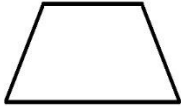
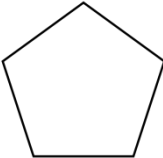
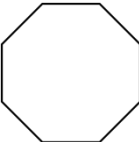
Week 1 Don't forget to show your work.

<p>Round to the nearest tens place:</p> <p>79 _____</p> <p>674 _____</p> <p>345 _____</p> <p>4782 _____</p>	<p>Add.</p> <div><div><div>483</div><div>+ 359</div></div><div><div>642</div><div>+ 169</div></div></div> <div><div><div>708</div><div>+ 194</div></div><div><div>466</div><div>+ 374</div></div></div>	<p>Subtract.</p> <div><div><div>718</div><div>- 436</div></div><div><div>839</div><div>- 562</div></div></div> <div><div><div>964</div><div>- 437</div></div><div><div>807</div><div>- 265</div></div></div>
<p>Write the place and value of the underlined digit.</p> <div><div>67<u>8</u>9</div><div>place: _____</div><div>value: _____</div></div> <div><div><u>5</u>69</div><div>place: _____</div><div>value: _____</div></div> <div><div><u>4</u>6,080</div><div>place: _____</div><div>value: _____</div></div> <div><div>2<u>3</u>,507</div><div>place: _____</div><div>value: _____</div></div> <div><div>567,<u>0</u>60</div><div>place: _____</div><div>value: _____</div></div> <div><div><u>6</u>7,090</div><div>place: _____</div><div>value: _____</div></div>	<p>Write the time.</p> <div></div> <div></div> <div></div> <div></div>	<p>Solve.</p> <div><div>9 x 1 =</div><div>2 x 3 =</div></div> <div><div>1 x 4 =</div><div>5 x 0 =</div></div> <div><div>5 x 8 =</div><div>4 x 4 =</div></div> <div><div>9 x 4 =</div><div>1 x 8 =</div></div> <div><div>7 x 0 =</div><div>2 x 2 =</div></div> <div><div>3 x 7 =</div><div>9 x 2 =</div></div> <div><div>6 x 3 =</div><div>3 x 9 =</div></div> <div><div>5 x 1 =</div><div>1 x 1 =</div></div> <div><div>0 x 6 =</div><div>5 x 5 =</div></div> <div><div>7 x 5 =</div><div>7 x 2 =</div></div> <div><div>4 x 8 =</div><div>4 x 7 =</div></div> <div><div>2 x 5 =</div><div>4 x 6 =</div></div> <div><div>6 x 2 =</div><div>6 x 5 =</div></div>

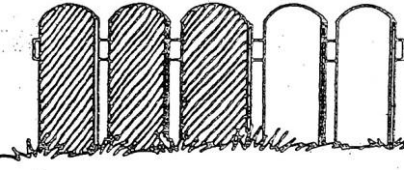
Week 2 Don't forget to show your work.

<p><i>Round to the nearest hundreds place.</i></p> <p>4015 _____</p> <p>4380 _____</p> <p>548 _____</p> <p>10,950 _____</p> <p>24, 820 _____</p> <p>60,570 _____</p>	<p><i>How much money?</i></p> <p>2 \$1 bills</p> <p>5 quarters</p> <p>2 dimes</p> <p>1 penny</p> <p>_____</p> <p>1 \$5 bill</p> <p>3 quarters</p> <p>1 nickel</p> <p>1 dime</p> <p>_____</p>	<p><i>Solve.</i></p> <p>6 x 3 = 9 x 9 =</p> <p>7 x 4 = 9 x 4 =</p> <p>7 x 5 = 7 x 8 =</p> <p>6 x 6 = 8 x 9 =</p> <p>8 x 8 = 6 x 7 =</p> <p>6 x 8 = 7 x 9 =</p> <p>6 x 9 = 8 x 4 =</p>																														
<p><i>Write in word form.</i></p> <p>5,780 _____</p> <p>_____</p> <p>98,706 _____</p> <p>_____</p> <p>100,001 _____</p> <p>_____</p>		<p><i>Model the fractions.</i></p> <p>$\frac{3}{4}$</p> <table border="1"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> <p>$\frac{7}{9}$</p> <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <p>$\frac{1}{3}$</p> <table border="1"><tr><td></td><td></td><td></td></tr></table> <p>$\frac{9}{10}$</p> <table border="1"><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>																														
<p><i>Solve. Show work and label your answers.</i></p> <p>Sue had \$3.00. She bought some baseball cards for \$1.65. How much money did she have left?</p>																																
<p>Ken had 503 baseball cards. He gave his friend 129 of them. How many cards did he have then?</p>																																

Week 4 Don't forget to show your work.

<p><i>Write the place and value of the underlined digit.</i></p> <p><u>5</u>20 place: _____ value: _____</p> <p>6<u>5</u>,725 place: _____ value: _____</p> <p><u>7</u>64,040 place: _____ value: _____</p>	<p><i>Subtract.</i></p> <table> <tr> <td>670 - <u>592</u></td> <td>5753 - <u>3660</u></td> </tr> <tr> <td>9374 - <u>4753</u></td> <td>8000 - <u>6790</u></td> </tr> <tr> <td>7916 - <u>4193</u></td> <td>8724 - <u>7341</u></td> </tr> </table>	670 - <u>592</u>	5753 - <u>3660</u>	9374 - <u>4753</u>	8000 - <u>6790</u>	7916 - <u>4193</u>	8724 - <u>7341</u>	<p><i>Align and Add.</i></p> <p>670 + 680 =</p> <p>5470 + 735 =</p> <p>62109 + 653 + 32 =</p>
670 - <u>592</u>	5753 - <u>3660</u>							
9374 - <u>4753</u>	8000 - <u>6790</u>							
7916 - <u>4193</u>	8724 - <u>7341</u>							
<p><i>Write in expanded form.</i></p> <p>679 _____ _____</p> <p>8601 _____ _____</p> <p>5434 _____ _____</p>	<p><i>Solve. Show your work and label.</i></p> <p>Kelly baked 32 cookies on Tuesday. On Thursday, she bakes another 42 cookies. Then, Kelly eats 4 cookies. How many cookies does she have in the end?</p>							
<p><i>Name the polygon. Identify number of sides.</i></p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Name: _____</p> <p>Sides: _____</p>	<p><i>Solve. Show your work and label.</i></p> <p>Derick has \$4.50. He buys a candy bar for \$1.23. He then earns \$3.25 for walking his neighbor's dog. How much money does Derick have now?</p>							

Week 5 Don't forget to show your work.

<p><i>Align and subtract.</i></p> <p>590 – 211 =</p> <p>5392 – 876 =</p> <p>4321 – 675 =</p>	<p><i>Solve.</i></p> <p>54 ÷ 6 = 9 ÷ 1 = 12 ÷ 6 =</p> <p>24 ÷ 3 = 10 ÷ 5 = 35 ÷ 7 =</p> <p>63 ÷ 7 = 3 ÷ 3 = 18 ÷ 3 =</p> <p>49 ÷ 7 = 30 ÷ 6 = 2 ÷ 1 =</p> <p>6 ÷ 2 = 42 ÷ 6 = 35 ÷ 5 =</p> <p>16 ÷ 4 = 8 ÷ 4 = 81 ÷ 9 =</p> <p>18 ÷ 9 = 27 ÷ 9 = 72 ÷ 8 =</p> <p>56 ÷ 7 = 20 ÷ 4 = 12 ÷ 4 =</p> <p>27 ÷ 3 = 28 ÷ 4 = 42 ÷ 7 =</p>	<p><i>Write the fractions using the picture.</i></p>  <p>What fraction of the fence has been painted?</p> <p>What fraction of the fence has NOT been painted?</p>
<p><i>Solve.</i></p> <p>22 52 12</p> <p><u>x 2</u> <u>x 2</u> <u>x 2</u></p> <p>12 23 14</p> <p><u>x 4</u> <u>x 3</u> <u>x 3</u></p> <p>32 13 41</p> <p><u>x 3</u> <u>x 2</u> <u>x 5</u></p>	<p><i>Write the numbers in standard form.</i></p> <p>twenty-five _____</p> <p>three hundred, forty-five _____</p> <p>one thousand, fifty-one _____</p> <p>two thousand, forty _____</p> <p>sixty-one thousand, four hundred thirty-five _____</p> <p>six hundred thousand, one _____</p>	<p><i>How much time has passed?</i></p> <p>2:00 PM to 5:00 PM</p> <p>_____</p> <p>3:30 AM to 4:30 AM</p> <p>_____</p> <p>6:30 PM to 9:00 PM</p> <p>_____</p>
<p><i>Solve. Show your work + label your answer.</i></p> <p>Sara has 25 apples. She shares them between her five friends. How many does each friend receive?</p>		<p><i>Solve. Show your work + label your answer.</i></p> <p>Brandon makes nine paper cranes each day for eight days in a row. How many paper cranes does he make in total?</p>

Week 7 Don't forget to show your work.

Solve. Watch the signs.

$14 \div 7 =$ $4 \times 4 =$

$4 \times 3 =$ $72 \div 9 =$

$9 \times 8 =$ $8 \times 8 =$

$24 \div 8 =$ $45 \div 5 =$

$36 \div 9 =$ $21 \div 3 =$

$4 \times 7 =$ $9 \times 9 =$

$64 \div 8 =$ $7 \times 8 =$

Multiply.

$$\begin{array}{r} 36 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 6 \\ \hline \end{array}$$

Write the place and value of the underlined digit.

43,520

place: _____

value: _____

654,030

place: _____

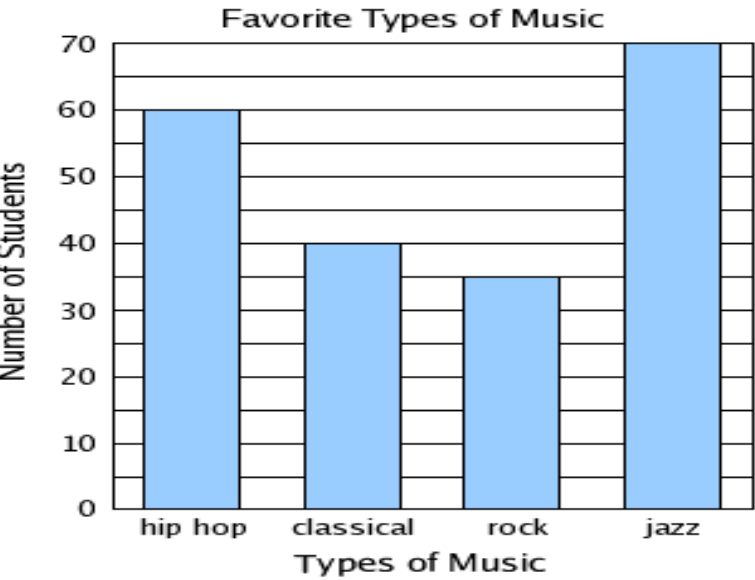
value: _____

953,980

place: _____

value: _____

Use the bar graph to answer the questions below.



Write the numbers in word form.

5,468 _____

64,909 _____

532,005 _____

Write the fraction.

two-thirds _____

four-sevenths _____

nine-twelfths _____

six-tenths _____

What type of music was voted most popular?

What is the difference between the number of students who voted hip hop versus rock?

What two types of music were voted the least?

Week 8 Don't forget to show your work.

<i>Measure each line segment to the nearest $\frac{1}{2}$ inch.</i>		<i>Write the time. Include AM or PM.</i>	
----- _____		15 minutes to 12 PM _____	
----- _____		30 minutes past 6 AM _____	
----- _____		25 minutes past 9 AM _____	
----- _____		10 minutes to 4 PM _____	
----- _____		5 minutes past 11 AM _____	
<i>Order from least to greatest.</i>		<i>Write the missing numbers.</i>	
568; 209; 506; 605 _____		66, 69, _____, _____, 78, _____	
7010; 7001; 7100; 7030 _____		74, 78, _____, _____, 90, _____	
861; 860; 8210; 86; 8611 _____		37, 35, _____, _____, _____, 27	
		9, 13, _____, _____, 25, _____	
		40, 37, _____, _____, 28, _____	
<i>Multiply.</i>		<i>Divide. (There are reminders).</i>	
49 48 56 67 <u>x 5</u> <u>x 8</u> <u>x 8</u> <u>x 9</u>		5) 26 7) 58 4) 31	
85 37 47 59 <u>x 4</u> <u>x 4</u> <u>x 9</u> <u>x 6</u>		8) 66 3) 17 2) 13	
<i>How many sides do these polygons have?</i>		<i>Convert.</i>	
trapezoid _____ hexagon _____		3ft = _____ in 6 c = _____ pt	
square _____ quadrilateral _____		24 in = _____ ft 4 gal = _____ qt	
parallelogram _____ pentagon _____		4 yd = _____ in 8 qt = _____ gal	
		6L = _____ mL 5000 g = _____ kg	

Week 9 Don't forget to show your work.

Solve. Watch the signs.

$$\begin{array}{r} 5804 \\ - 657 \\ \hline \end{array} \qquad \begin{array}{r} 5789 \\ + 4587 \\ \hline \end{array} \qquad \begin{array}{r} 56 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6000 \\ - 4226 \\ \hline \end{array} \qquad \begin{array}{r} \$6.57 \\ + 4.80 \\ \hline \end{array} \qquad \begin{array}{r} 530 \\ \times 5 \\ \hline \end{array}$$

Divide. There are remainders.

$$8 \overline{) 73} \qquad 7 \overline{) 57}$$

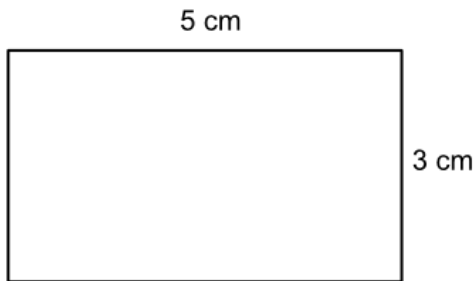
$$7 \overline{) 29} \qquad 5 \overline{) 47}$$

Write the standard form.

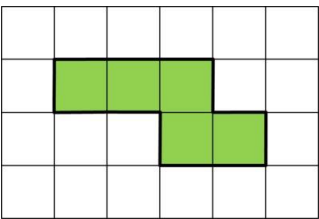
three hundred thousand, two

forty-five thousand, six
hundred twelve

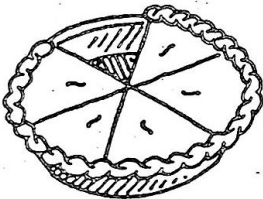
Find the perimeter



Find the area by counting the unit squares.



_____ sq units



What fraction of the pie has *not* been eaten?

Circle the best answer.

Which would you use to measure the height of a dog?
yardstick or scale

Which is best to weigh a hippo?
meter stick or a scale

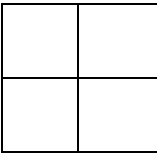
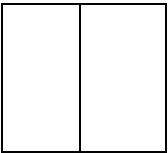
Which is the best estimate of the weight of a baseball?
6 ounces or 7 meters

Compare using <, >, =.

$$\frac{4}{8} \text{ ____ } \frac{6}{8} \qquad \frac{5}{12} \text{ ____ } \frac{3}{12}$$

Write and model an equivalent fraction.

$$\frac{1}{2} = \frac{\quad}{\quad}$$



Solve. Label your answer.

Sally had \$3.56. She earned \$5.67 from chores, and another \$1.20 she was given as a gift. How much money does she have?

Solve. Label your answer.

Lee bought thirty goldfish at the pet shop. He splits them among three fish tanks. How many fish are in each tank?

Resources Page 1

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
		,			

standard form- number form

example: 674

place-what place column a number is in.

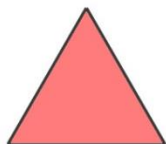
example: In 674, 6 is in the hundreds place

value- what each number is worth

example: In 674, 7 is valued at 70

expanded form-the value of each number in what looks like a big addition problem.

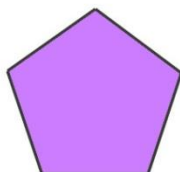
example: 674 is $600 + 70 + 4$



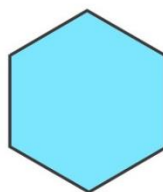
Triangle



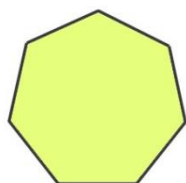
Quadrilateral



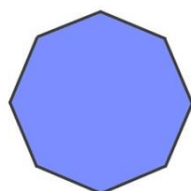
Pentagon



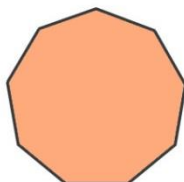
Hexagon



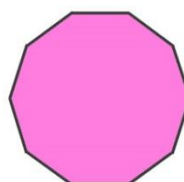
Heptagon



Octagon



Nonagon



Decagon

$$\begin{array}{r} 2 \text{ R}3 \\ 4 \overline{) 11} \\ \underline{-8} \\ 3 \end{array}$$



Square



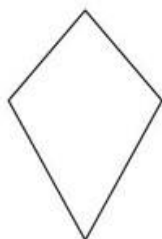
Rectangle



Rhombus



Parallelogram

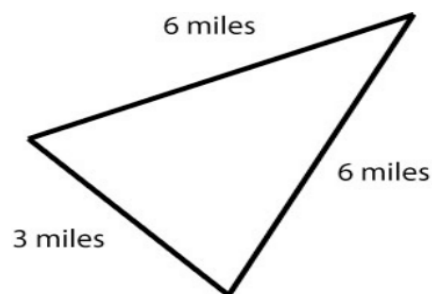


Kite



Trapezoid

perimeter- add up the length of all the sides



$$6 + 6 + 3 = 15 \text{ miles}$$

Customary Units	Metric Units	
Length 12 in = 1 ft 3 ft = 1 yd 36 in = 1 yd Capacity 4 qt = 1 gallon 2 pt = 1 qt 2 c = 1 pt Weight 16 oz = 1 lb	Length 100 cm = 1 m 10 mm = 1 cm Capacity 1 L = 1000 mL Weight 1 kg = 1000 g	<p>A diagram of a smiling gallon jug labeled 'Mr. Gallon'. It has four arms, each holding a quart. Each quart has two pints, and each pint has two cups. This illustrates that 1 gallon equals 4 quarts, 8 pints, and 16 cups.</p>

Magic Words - for Problem Solving

Addition:

- sum
- altogether
- total
- in all
- increase
- add

Subtraction:

- difference
- decrease
- less than
- left
- greater than
- fewer

Multiplication:

- each
- product
- of
- times
- altogether
- multiples

Division:

- each
- average
- quotient
- per
- shared equally
- share



Multiplication with Regrouping

Step 1: *Multiply digits in the ones place

Step 2: *Regroup to tens place

Step 3: *Multiply digit in tens place by digit in ones place
*Add digit that was regrouped

The diagram shows the multiplication of 25 by 9. Step 1: 5 times 9 equals 45. A red box highlights the 5 in the ones place, and a red arrow points to the 4 in the tens place. Step 2: The 4 is regrouped to the tens place. Step 3: 2 times 9 equals 18. A blue box highlights the 18, and a blue arrow points to the 2 in the tens place, indicating that 18 is added to the 4 already in the tens place to get 22.

Not enough ones - need to regroup a ten.

There are no tens!

$$\begin{array}{r} 600 \\ - 274 \\ \hline \end{array}$$

There are now! 6 hundreds regrouped makes 60 tens.

$$\begin{array}{r} 600 \\ - 274 \\ \hline \end{array}$$

Regroup 1 ten to make 10 ones and 59 tens.

$$\begin{array}{r} 5910 \\ 600 \\ - 274 \\ \hline 326 \end{array}$$

