

April 7, 2020

Hi Families!

Welcome to our Math Mania worksheet. This worksheet was designed to give students regular practice with their basic math skills, manipulating the same number for the whole worksheet.

Students generate a number by rolling a dice or drawing 4 cards from a deck of cards. They can pick the order of the digits or predetermine what place value they are drawing/rolling for.

Once they have a 4-digit number, they start to fill out the worksheet. For questions 9, they pick two of the digits from the number to make an array. For question 13, they use the digits to create a time, write the time down and then draw the hands on the clock face.

If they would like more of a challenge, they can generate a 5 or 6-digit number to work with.

Please see the attached "cheat sheet" to understand what the answers should look like.

If you do not have a printer, have your student just write out their answers on a piece of paper.

If you have any questions, please do not hesitate to ask!

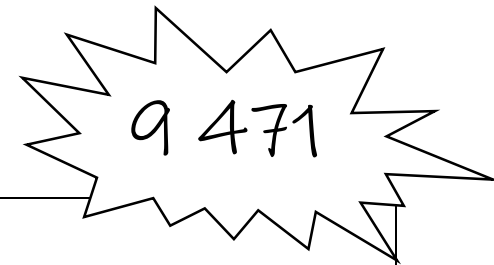
From your,

Grade 4/5 Teachers

Name: Example

# MATH MANIA

## Our Weekly Number Challenge



1. Write the number in word form:

Nine thousand four hundred seventy-one

2. Write the number in expanded form:

$9000 + 400 + 70 + 1$

3. Odd or Even?

odd

4. Value of the digit in **ones** place?

1

5. Value of the digit in **tens** place?

70

6. Value of the digit in **hundreds** place?

400

7. Value of the digit in **thousands** place?

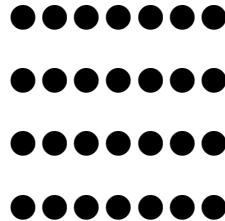
9000

8. Subtract and add

Remember to borrow if you don't have enough to subtract.

$$\begin{array}{r} 9471 \\ - 1234 \\ \hline 8237 \end{array} \quad \begin{array}{r} 11 \\ 9471 \\ + 5678 \\ \hline 15149 \end{array}$$

9. Draw an array of  $4 \times 7$



10.

**TWO** hundred less than this number is:

9271

**THREE** hundred more than this number is:

9771

11.

**ONE** thousand less than this number is:

8471

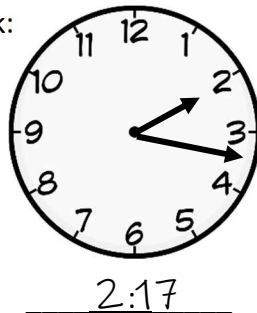
**FOUR** thousand more than this number is:

13471

12. Show the number in money. Draw it out:



13. Show this number as time on a clock:



13. What would the next four numbers be after this week's number if you **increased** by 5?

9476, 9481,

9486, 9491.

14. What would the next four numbers be after this week's number if you **decreased** by 50, then 40, then 30, the 20?

9421, 9381,

9351, 9331.