

The Village School's Rising 4th Grade Math Packet



Name: _____

Please complete and turn in the following pages on the first day of school in August.

You will be given an assessment over the contents in this packet on a date to be announced by your teacher.

Addition and Subtraction Review

Part One - Subtract by using mental Math.

$700 - 200 = \underline{\hspace{2cm}}$

$1,200 - 600 = \underline{\hspace{2cm}}$

$1,400 - 900 = \underline{\hspace{2cm}}$

$800 - 500 = \underline{\hspace{2cm}}$

$1,100 - 700 = \underline{\hspace{2cm}}$

$1,200 - 300 = \underline{\hspace{2cm}}$

Part Two - Subtraction practice. Some might have renaming.

$$\begin{array}{r} 239 \\ - 125 \\ \hline \end{array}$$

$$\begin{array}{r} 459 \\ - 185 \\ \hline \end{array}$$

$$\begin{array}{r} 634 \\ - 292 \\ \hline \end{array}$$

$$\begin{array}{r} 4,808 \\ - 1,349 \\ \hline \end{array}$$

$$\begin{array}{r} 3,912 \\ - 2,481 \\ \hline \end{array}$$

Part One - Add by using Mental Math.

$400 + 400 = \underline{\hspace{2cm}}$

$600 + 300 = \underline{\hspace{2cm}}$

$500 + 500 = \underline{\hspace{2cm}}$

$700 + 800 = \underline{\hspace{2cm}}$

$900 + 400 = \underline{\hspace{2cm}}$

$4,000 + 1,000 = \underline{\hspace{2cm}}$

Part Two - Addition practice.

$$\begin{array}{r} 795 \\ + 239 \\ \hline \end{array}$$

$$\begin{array}{r} 643 \\ + 156 \\ \hline \end{array}$$

$$\begin{array}{r} 2,459 \\ + 813 \\ \hline \end{array}$$

$$\begin{array}{r} 3,897 \\ + 1,348 \\ \hline \end{array}$$

$$\begin{array}{r} 14,332 \\ + 2,875 \\ \hline \end{array}$$

Place Value Review

Follow the steps to find the numbers below.

Write 6 in the ones place.

Write 4 in the thousands place.

Write 9 in the hundreds place.

Write 0 in the tens place.

Write 1 in the ten thousands place.

_____ , _____

Follow the steps to find the numbers below.

Write 9 in the ones place.

Write 3 in the thousands place.

Write 2 in the hundreds place.

Write 5 in the tens place.

Write 9 in the ten thousands place.

_____ , _____

Follow the steps to find the numbers below.

Write 5 in the ones place.

Write 2 in the thousands place.

Write 5 in the hundreds place.

Write 5 in the ten thousands place.

_____ , _____

Follow the steps to find the numbers below.

Write 7 in the ones place.

Write 4 in the hundreds place.

Write 2 in the tens place.

_____ , _____

Answer the following questions:

Write the number that is 1,000 more than 4,000. _____

Write the number that is 1,000 more than 6,789 _____

Write the number that is 1,000 less than 13,539 _____

Write the number that is 1,000 less than 5,624 _____

Geometry Review (Draw your answers)

Draw and name any quadrilateral.

Draw a second kind of quadrilateral.

Draw a parallelogram.

Draw a rhombus..

Draw an acute triangle.

Draw a right triangle.

Multiplication

Solve.

$$\begin{array}{r} 34 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 427 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 583 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 726 \\ \times 7 \\ \hline \end{array}$$

Be sure to practice your multiplication facts over the summer about 10 minutes per day.

Cross Curricular Activities with Parent Supervision

1. Bowling For Dollars

- Equipment: play money (laminated preferably) 1 bowling ball, 1 carpet lane, 10 bowling pins
- Set-up: 2 players share lane & set up 10 pins on the bowling carpet. Start a scorecard.
- Game Play: Players take turns. When they bowl, they get two shots. The total number of pins they knock down is the number they put on the “score card”
- Dollars = pins knocked down. Each player earns dollars based on the number of pins that are knocked down.

2. Fat Counting

Players study and discuss the food pyramid. Then they compare the foods on the pyramid to the foods they eat, keep a fat-counting diary, calculate the number of calories from fat they eat in a week, find their daily average of fat, and compare their fat intake with a parent or sibling. Please keep track of your findings in a small notebook. Feel free to share your findings with your teacher upon return in August.

3. Multiplication War

Using a deck of cards, remove all face cards and the ace. Play multiplication war using only the numbered cards 2-10. Deal out all of the cards between 2 or 3 players. Each player turns over 2 cards and multiplies the two cards together. The player with the highest product wins the pile of cards. Winner is who has the most cards after all the turns are complete.