DISTANCE LEARNING PACKET

4TH GRADE

MATH

Math
Day 1 Week 1

Math
Day 1 Week 1- Problems made using IXL and Study Island
For each problem you will use notebook paper to solve. Please label your notebook paper clearly for each problem.

1. Austin solved this problem incorrectly. On your paper draw a place value chart to model the correct way to solve this problem.

300 is 10 times as much as 30.

2. For each situation tell whether you should move up the place value chart or down the place value chart to find the solution. YOU ONLY NEED TO EXPLAIN. Do not answer the problem.
- 5,000 is 10 times as much as _____.
- _____is 10 times as much as 50.
- _____is 10 times as much as 6.

3. Solve. Use a place value chart if needed.
- 10,000 is 10 times as much as _____
- _____ is 10 times as much as 9.
- _____ is 10 times as much as 700.
- _____ is 10 times as much as 2.

4. Elizabeth was answering a question on Study Island. She picked B as her answer. Explain using your knowledge of place value whether she was correct or incorrect. Write a few sentences to prove your answer.

What is the relationship between the value of the 2 in the square and the value of the 2 in the circle in the number above?

A.
The value of the 2 in the square is 100 times the value of the 2 in the circle.

B.
The value of the 2 in the circle is 100 times the value of the 2 in the square.

C.
The value of the 2 in the circle is 10 times the value of the 2 in the square.

D.
The value of the 2 in the square is 10 times the value of the 2 in the circle.
Extra practice on IXL Letter A it is titled New! Relationships between place values or Study Island 2aMath

Math
Day 2 Week 1

Day 2 Week 1- Problems made using IXL and Study Island
For each problem you will use notebook paper to solve. Please label your notebook paper clearly for each problem.

1. David worked this problem writing a number in expanded form from standard form.
What is **400 + 400,000 + 70,000 + 4,000 + 60 + 7** in standard form?
447,467
Did David solve the problem correctly? Explain your answer. If it is incorrect, show how to work the problem correctly. Using a place value chart may be helpful.

2. Solve the following problems.

- How do you write this number using words?

70,004

- How do you write this number using words?

90,731
- How do you write this number using words?

51,744

- Compare these numbers. Use >, <, =
- 84,681___ 84,681
- 103,331 ___ 103,332
- 234,567 ___ 243, 567

3. Samantha was working problems on Study Island. She picked C as the correct answer. Explain in several sentences if she is correct or incorrect and why.

How is the number 258,306 written in words?
A.
two hundred fifty-eight thousand, three hundred six
B.
two hundred fifty-eight thousand, three six hundred
C.
two hundred fifty-eight hundred, three hundred six
D.
two hundred fifty-eight, three hundred sixMath

Math
Day 3 Week 1

Day 3 Week 1- Problems made using IXL and Study Island
For each problem you will use notebook paper to solve. Please label your notebook paper clearly for each problem.

1. State the numbers you would pick from in order to round the following numbers to the nearest 100.
- 698 _____ or _____
- 7,291 _____ or _____
- 24,321 _____ or _____
- 125,326 _____ or _____

2. Solve
- What is 4,795 rounded to the nearest hundred? _____
- What is 6,180 rounded to the nearest thousand?_____
- What is 2,321 rounded to the nearest ten?_____
- What is 55,745 rounded to the nearest ten thousand? _____
- What is 124,396 rounded to the nearest hundred thousand? _____

3. Jordan is rounding numbers. He was given the number 87,465 to round to the nearest thousand. He rounded the number to 88,000. Did he round his answer correctly? Explain your answer by writing several sentences.

4. Choose one problem to solve.

Choice 1: You round a number to the nearest ten and to the nearest hundred. Both times, the rounded number is less than the original number. List three possibilities for the original number.

Choice 2: You round a number to the nearest ten and to the nearest hundred. One rounding increase the number and the other decreases the number. List three possibilities for the original number.

Would you like even more extra practice?
Complete IXL A. 20 or Study Island Rounding

Math
Day 4 Week 1

Day 4 Week 1- Problems made using IXL and Study Island
For each problem you will use notebook paper to solve. Please label your notebook paper clearly for each problem.

Addition and Subtraction
1. Find the mistake in the following problem.

$$\begin{array}{r} 4,376 \\ -\ 1,265 \\ \hline 3,114 \end{array}$$

2. For each situation state weather you should add or subtract to find the answer.
- Johnny lost an xbox game that was worth $72 dollars and lost another game that was worth $83 dollars. What was the total value of the money for the games that Johnny lost?
- Tom bought 8,000 water melons to sell at a farmers market. His partner took 1,367 watermelons to sell at a different farmers market. How many watermelons does Tom have left to sell?
- Cole bought 3,000 bottles of coke and Lauren bought 2,500 bottles of coke to sell at a baseball concession stand. 300 of the bottles of coke were out of date. How many bottles of coke are there to sell at the concession stand?

3. Solve the following problems

4,326 + 5,691 =

25, 291 + 61,437 =

25,339 - 21,898 =

567,342- 432,561 =

137,876 + 543,769 =

984,382 - 298,897 =

4. Mary decided to solve the following problem using addition. Critique Mary's method for solving the problem. Write several sentences supporting how Mary solved the problem or feeling how Mary should have solved the problem another way.

A company is planting a total of 5,052,112 acres with corn. 4,716,702 of those acres will be used for food and the rest will be used to produce ethanol, a natural gas. How many acres will be used for ethanol production?

Want Extra Practice IXL C. 3&4 or Study Island Subtraction

Math
Day 5 Week 1

Day 5 Week 1- Problems made using IXL and Study Island
For each problem you will use notebook paper to solve. Please label your notebook paper clearly for each problem.

1. Use the equation to complete the sentence.
   $6=2\times3$
   _____ is 2 times as much as 3.

2. $54=6\times9$
   _____ is 6 times as much as 9.

3. $60=6\times10$
   60 is _____ times as much as 10.

4. $15=3\times5$
   15 is 3 times as much as _____.

Mary Ann was practicing multiplicative comparisons on Study Island. She answered A as the correct answer to the question. Do you agree with Mary Ann? Explain your answer with a few sentences.

Which of the following represents $20 = 5 \times 4$?

A.
4 is 5 times as many as 20
B.
5 is 4 times as many as 20
C.
20 is 2 times as many as 10
D.
20 is 5 times as many as 4

Extra practice: Ixl 4th Grade D.9 or Study Island Multiplicative Comparisons