



**DISTANCE LEARNING PACKET**

**5<sup>TH</sup> GRADE**

**MATH**

# Math Day 6

Name \_\_\_\_\_ Date \_\_\_\_\_

## Situation:

A farmer packs strawberries into boxes.

- He puts the same number of strawberries into each box.
- He packed a total of 264 strawberries into 22 boxes.
- He still needs to pack 180 strawberries.

## Questions:

Who is the main character?

What is the setting?

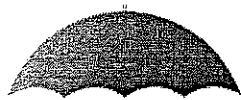
How many strawberries are in each box?

How many more boxes will the farmer need?

Lots o' Questions

## The 5 Rainiest States

(Average Annual Rainfall)



**Hawaii**

63.7 in.



**Louisiana**

60.1 in.



**Mississippi**

59.0 in.



**Alabama**

58.3 in.



**Florida**

54.5 in.

1) How many states receive more than 58 in. of rain a year? \_\_\_\_\_

2) How much more rain does Hawaii get than Florida? \_\_\_\_\_

# Math Day 7: Patterns

Name \_\_\_\_\_ Date \_\_\_\_\_

1. Consider the two patterns described below.

Pattern	Rule	Starting Number
$x$	Multiply by 4	1
$y$	Add 7	0

Which of the following coordinate pairs shows the two patterns?

- A. (0,1) ; (7,4) ; (49,8) ; (343,12)
- B. (0,1) ; (7,4) ; (14,16) ; (21,64)
- C. (1,0) ; (4,7) ; (16,14) ; (64,21)

2. Consider the two patterns described below.

Pattern	Rule	Starting Number
E	Multiply by 4	1
F	Multiply by 7	1

Which of the following shows the two patterns?

- A.
 

Pattern	Term 1	Term 2	Term 3	Term 4	Term 5
E	1	4	16	64	256
F	1	7	49	343	2,401
- B.
 

Pattern	Term 1	Term 2	Term 3	Term 4	Term 5
E	0	7	49	343	2,401
F	1	4	16	64	256
- C.
 

Pattern	Term 1	Term 2	Term 3	Term 4	Term 5
E	0	4	16	64	256
F	0	7	49	343	2,401
- D.
 

Pattern	Term 1	Term 2	Term 3	Term 4	Term 5
E	1	7	49	343	2,401
F	1	4	16	64	256

If possible, complete Study Island 2c: Number Patterns.

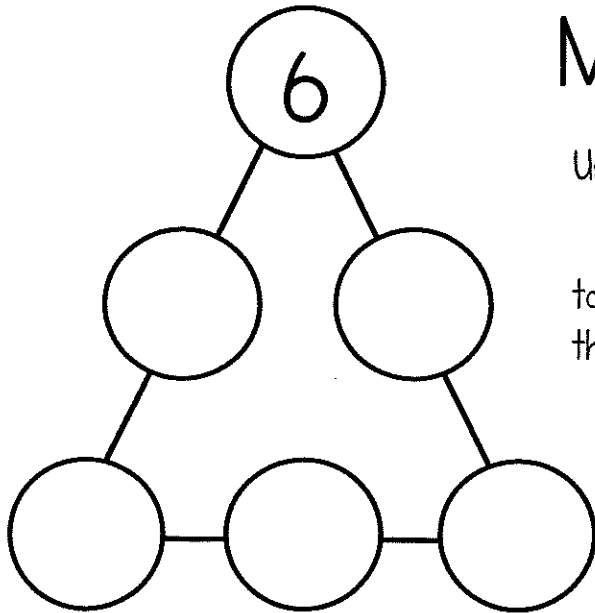
Score: \_\_\_\_\_

# Math Day 8

Name \_\_\_\_\_

Date \_\_\_\_\_

◆ MAGIC TRIANGLE ◆



## Magic Sum = 12

Use each of these numbers

1 2 3 4 5 6

to fill each circle so that each side of the triangle adds to 12.

You can use each number only once.  
The 6 is filled in for you.

### Situation:

Kyle and his three friends ordered some pizza.

- They ordered a total of 2 pizzas.
- Each person took an equal share of pizza.
- Instead of eating with his friends, Kyle brought his pizza home to equally share with his brother.

### Questions:

Who is the main character?

What are the events in this story?

What fraction of the two pizzas did Kyle bring home?

What fraction of the two pizzas did Kyle's brother receive?

# Math Day 9

Name \_\_\_\_\_

Date \_\_\_\_\_

State Name	Number of People Living in the State*
New York	19,651,127
Texas	26,448,193
California	38,332,521
Florida	19,552,860
Illinois	12,882,135

Write the names of the states in order from fewest number of people to greatest.

\_\_\_\_\_

\_\_\_\_\_

Which state has the most people?

\* 2013 data



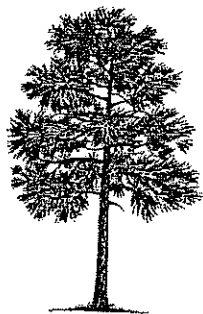
1) Color the state where you live.

2) Write the name of your state. \_\_\_\_\_

3) Write one thing you like about living in your state.

\_\_\_\_\_

\_\_\_\_\_



State Tree

Southern Longleaf Pine

This is the first state listed when all 50 states are put in alphabetical order.

60    90    60    80    60    70    60

$$\begin{array}{r} 6 \\ \times \square M \\ \hline 420 \end{array}$$

$$\begin{array}{r} 9 \\ \times \square A \\ \hline 540 \end{array}$$

$$\begin{array}{r} 3 \\ \times \square B \\ \hline 240 \end{array}$$

$$\begin{array}{r} 4 \\ \times \square L \\ \hline 360 \end{array}$$

# Math Day 10: Patterns

Name \_\_\_\_\_ Date \_\_\_\_\_

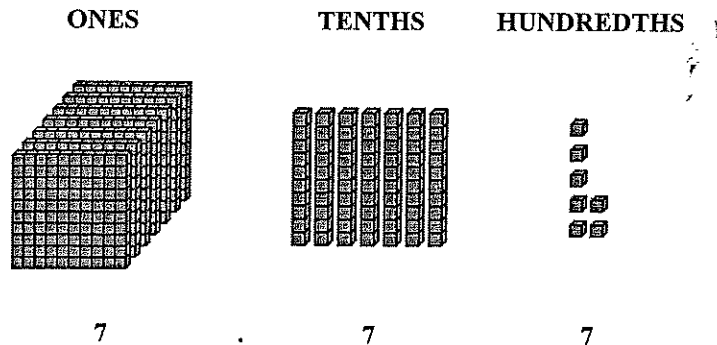
1. When a whole number is multiplied by 1,000, the product is \_\_\_\_\_.
- A. that number with four zeros added to the end
  - B. that number with three zeros subtracted from the end
  - C. that number with four zeros subtracted from the end
  - D. that number with three zeros added to the end
2. In the number 8,888.888, how does the 8 in the tenths place compare to the 8 in the place to its right?
- A. The 8 in the tenths place represents 100 times what the 8 to its right represents.
  - B. The 8 in the tenths place represents  $\frac{1}{100}$  of what the 8 to its right represents.
  - C. The 8 in the tenths place represents 10 times what the 8 to its right represents.
  - D. The 8 in the tenths place represents  $\frac{1}{10}$  of what the 8 to its right represents.

3. Calculate the following.

$$6.67 \times 10 = \underline{\hspace{2cm}}$$

- A. 6,670
- B. 6.67
- C. 667
- D. 66.7

4. The model below shows the number 7.77.



Using the model of 7.77, how does the 7 in the hundredths place compare to the 7 in the place to its left?

- A. The 7 in the hundredths place represents 100 times what the 7 to its left represents.
- B. The 7 in the hundredths place represents 10 times what the 7 to its left represents.
- C. The 7 in the hundredths place represents  $\frac{1}{100}$  of what the 7 to its left represents.
- D. The 7 in the hundredths place represents  $\frac{1}{10}$  of what the 7 to its left represents.

If possible, complete Study Island 3a: The Powers of Ten

Score: \_\_\_\_\_