Delran Intermediate School

Summer Math Assignment

There are two goals of this Summer Math Assignment:

- to encourage students to maintain and enhance their computational fluency, and
- to have students practice problem solving strategies while solving multi-step word problems.

Thank you in advance for your support and encouragement as your child develops his/her mathematical thinking skills. With your help, your child will surely return to school in September ready to succeed.

Computational Fluency

Students are required to practice their basic math facts for 20 minutes per week. You can choose to practice your facts in one 20-minute session, two 10-minute sessions, or four 5-minute sessions each week. Use the attached calendar to log your computational fluency practice.

- Incoming 3rd graders should practice all addition and subtraction facts.
- Incoming 4th graders should practice all addition and subtraction facts, and multiplication and division facts within 100 (up to 10 x 10 or 100 ÷ 10)
- Incoming 5th graders should practice all addition, subtraction, multiplication, and division facts.

You can choose to practice your math facts in a number of ways. Here are some suggestions:

- Flash cards
- Log on to FASTT Math from the DIS website.
- Practice online. Here are some suggested websites for practicing computational fluency. All are free, and a login is NOT required:
    - www.arcademicskillbuilders.com
    - www.mathplayground.com
    - www.coolmath.com
    - www.eduplace.com/kids/hmm
    - http://www.funbrain.com/brain/MathBrain/MathBrain.html

Problem Solving

Students are required to complete the 8 multi-step word problems attached. We suggest completing one problem each week during July and August. Encourage your child to be sure to solve all parts of the problem, show all of your work, and include a label with your answer.

This Summer Math Assignment is

DUE on Friday, September 5, 2014

and will count on the 1st Trimester math grade.

Computational Fluency

Please note the amount of time and initial on each date that your child practices his/her math facts. 20 minutes per week are required.

July 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
		1 _____ # of minutes _____ Parent Initial	*2* _____ # of minutes _____ Parent Initial	*3* _____ # of minutes _____ Parent Initial	*4* _____ # of minutes _____ Parent Initial	*5* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
6 _____ # of minutes _____ Parent Initial	*7* _____ # of minutes _____ Parent Initial	*8* _____ # of minutes _____ Parent Initial	*9* _____ # of minutes _____ Parent Initial	*10* _____ # of minutes _____ Parent Initial	*11* _____ # of minutes _____ Parent Initial	*12* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
13 _____ # of minutes _____ Parent Initial	*14* _____ # of minutes _____ Parent Initial	*15* _____ # of minutes _____ Parent Initial	*16* _____ # of minutes _____ Parent Initial	*17* _____ # of minutes _____ Parent Initial	*18* _____ # of minutes _____ Parent Initial	*19* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
20 _____ # of minutes _____ Parent Initial	*21* _____ # of minutes _____ Parent Initial	*22* _____ # of minutes _____ Parent Initial	*23* _____ # of minutes _____ Parent Initial	*24* _____ # of minutes _____ Parent Initial	*25* _____ # of minutes _____ Parent Initial	*26* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
27 _____ # of minutes _____ Parent Initial	*28* _____ # of minutes _____ Parent Initial	*29* _____ # of minutes _____ Parent Initial	*30* _____ # of minutes _____ Parent Initial	*31* _____ # of minutes _____ Parent Initial			Total Number of Minutes for this week: _____

Computational Fluency

Please note the amount of time and initial on each date that your child practices his/her math facts. 20 minutes per week are required.

August 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
					1 _____ # of minutes _____ Parent Initial	*2* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
3 _____ # of minutes _____ Parent Initial	*4* _____ # of minutes _____ Parent Initial	*5* _____ # of minutes _____ Parent Initial	*6* _____ # of minutes _____ Parent Initial	*7* _____ # of minutes _____ Parent Initial	*8* _____ # of minutes _____ Parent Initial	*9* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
10 _____ # of minutes _____ Parent Initial	*11* _____ # of minutes _____ Parent Initial	*12* _____ # of minutes _____ Parent Initial	*13* _____ # of minutes _____ Parent Initial	*14* _____ # of minutes _____ Parent Initial	*15* _____ # of minutes _____ Parent Initial	*16* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____
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24 _____ # of minutes _____ Parent Initial	*25* _____ # of minutes _____ Parent Initial	*26* _____ # of minutes _____ Parent Initial	*27* _____ # of minutes _____ Parent Initial	*28* _____ # of minutes _____ Parent Initial	*29* _____ # of minutes _____ Parent Initial	*30* _____ # of minutes _____ Parent Initial	Total Number of Minutes for this week: _____

Problem Solving – Incoming 5th Graders

Problem #1 Week of July 7

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Mrs. Hilt bought some foods to make a fruit salad. She spent $15.50 for a bag of apples, $30.00 for a box of oranges, $27.25 for a bag of tangerines and $8.00 on a bag of grapes. She paid the clerk with a $100.00. How much change will Mrs. Hilt receive?

Problem #2 Week of July 14

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Brittney bought 4 bags of candy, each with 11 pieces in it. She is dividing the candy among 6 of her friends. If each of her friends will get the same number of candy pieces, how many pieces will be left over?

Problem #3 Week of July 21

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Last month, a watch-making company made 3,359 wristwatches in their warehouse. Unfortunately, 79 of the wristwatches were found to have defects and could not be shipped out. Yesterday, they shipped out all of the good watches to 5 different stores. If they shipped the same amount to each store, how many wristwatches did they ship to each store?

Problem #4 Week of July 28

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Shirley is decorating the gym for a party. She has 6 rolls of blue streamer and 9 rolls of green streamer. If each roll of blue streamer is 95 feet long and each roll of green streamer is 83 feet long, how many total feet of streamer does Shirley have to decorate with?

Problem #5 Week of August 4

Directions: Solve the problem. Show all of your work and be sure to label your answer.

At the beginning of the year, Mrs. Wilkinson's class had 24 packages of colored paper. So far, the class has used 654 pieces of colored paper. If each package of colored paper contained 75 pieces, how many pieces of colored paper does the class have left?

Problem #6 Week of August 11

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Frank works in the supply room of a law office. At the beginning of the month, he had 28 boxes of pens with 12 pens in each box. At the end of the month, there were 73 pens left. How many pens did he give out over the month?

Problem #7 Week of August 18

Directions: Solve the problem. Show all of your work and be sure to label your answer.

A pound of apples costs $1.20. Rachel bought two and a half pounds of apples. If she gave the clerk a $5.00 bill, how much change will she get back?

Problem #8 Week of August 25

Directions: Solve the problem. Show all of your work and be sure to label your answer.

If there are 60 minutes in one hour, how many minutes are in a 24 hour day?