



Gateway Intermediate School 364

"Together Toward Excellence"

Freeport Academy

1426 Freeport Loop

Brooklyn, New York 11239

Tel: (718) 642-3007

Fax: (718) 642-8516

Geneva Academy (Annex)

1461 Geneva Loop

Tel: (718) 942- 2035

Fax: (718) 647-5503

Mr. Dale Kelly, Principal

Ms. Nicole Fraser-Edmund, Assistant Principal
Ms. Dollene Adams, Parent Coordinator **(347) 563-4282**

Gateway Intermediate School 364

6th Grade Math

Summer Holiday Assignment

Due September 9, 2015

Name: _____

Assignment must be completed on loose-leaf paper.
Student must show all work.

Connections

- 1 As part of the carnival, the school will hold a Factor Game marathon. It takes Archie and Kel an average of 12 minutes to finish one game. About how many games will they finish if they play nonstop from 9:00 A.M. to 2:30 P.M.?
2. **Multiple Choice** Carlos read a book for language arts class. He finished the book on Friday. On Monday he read 27 pages. On Tuesday he read 31 pages. On Wednesday he read 28 pages. On Thursday and Friday he read the same number of pages each day. The book has 144 pages. How many pages did he read on Thursday?
A. 28 B. 29 C. 31 D. 58
3. The variable n represents a whole number.
 - a. For what values of n will the sum $n + 3$ be less than 50?
 - b. For what values of n will the product $3n$ be less than 50?
4. Long ago, people decided to divide the day into units called hours. They chose 24 as the number of hours in one day. Why is 24 a more convenient choice than 23 or 25?
5. In developing the ways of calculating time, astronomers divided an hour into 60 minutes. Why is 60 a better choice than 59 or 61?
6.
 - a. Ms. Diaz wants to divide her class of 30 students into 10 groups. The groups do not need to be of equal size. What are some of her choices?
 - b. Ms. Diaz wants to divide her class of 30 students into equal-sized groups. What are her choices?
 - c. How is the thinking you did in part (a) different from the thinking you did in part (b)?
7. Allie's aunt has saved \$10,000 in \$20 bills. She spends one \$20 bill every day. How many days will it take her to run out of bills?