Belmont Runyon Community School

Summer Math Packet

Students Entering **Grade 3**

Name _____

Math Practice Sites

http://www.multiplication.com Multiplication practice

http://www.mathfactcafe.com Great review of Basic Facts

http://www.AAAmath.com Interactive Math Activities

http://www.missmaggie.org "Around the World in 80 Seconds"

http:// Brainpop.com/ Try a quiz and extra practice

http://www.mathcats.com/explore/multiplicationtable.html

http://www.arcademics.com Lots of great interactive math games

http://www.aplusmath.com Games and Flashcards

http://www.brainormous.com/ Problem solving and math games

http://www.allmath.com/flashcards.php Flash cards for all basic operations

http://www.mathplayground.com/index.html More math games

http://www.mathwire.com Browse different math activities by topic

http://www.ericmilou.com Browse the Grade 4-8 Math Links

http://www.rsinnovative.com/rulergame/ Start off with ½ inch

http://illuminations.nctm.org/ActivitySearch.aspx Search grade 4-8 activities

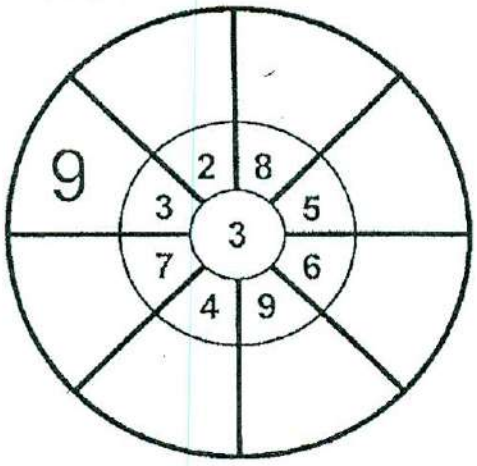
http://ciese.org/math/activities/fractiondarts/FractionDarts.html Decimal and fraction practice

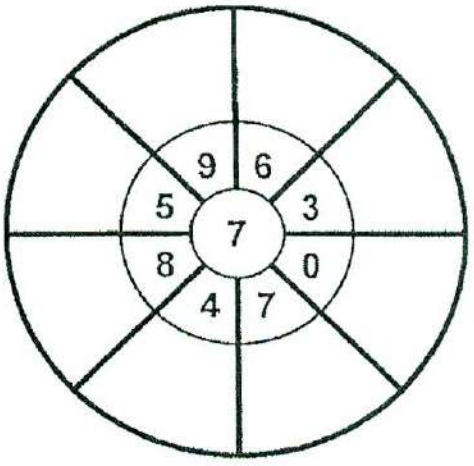
http://www.insidemathematics.org/index.php/2nd-grade Most problems in this packet can be found in the MARS activities on this site.

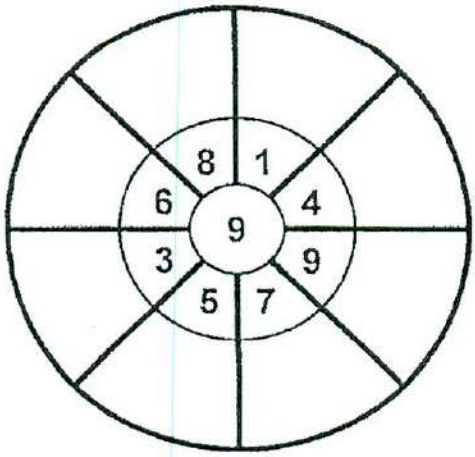
Name: _____ Basic Facts 0-9

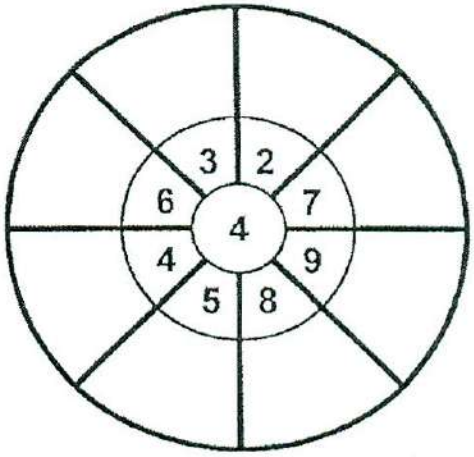
Multiplication Wheels

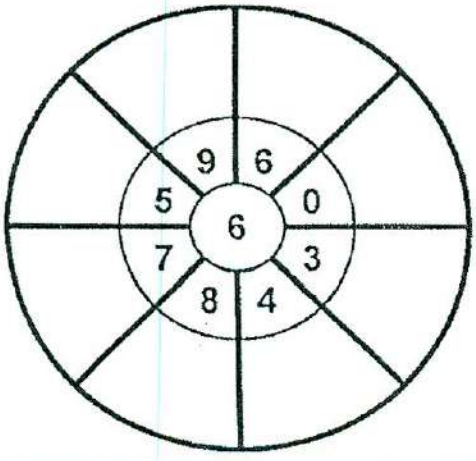
Multiply the number in the center circle by each of the factors surrounding it. Write the products on the outer circle.

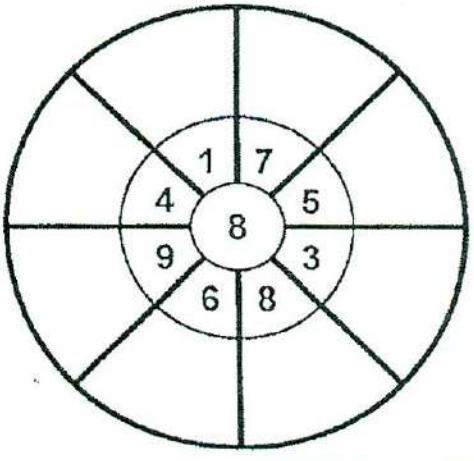






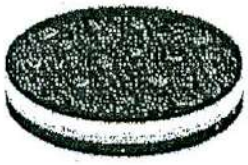






Cookies for All!

Directions: Use the chart below to answer the questions.



Name of Girl Scout	Kendra	Alex	Vivian	Karen	Krystal
Number of Boxes of Cookies Sold	23	36	50	23	41

1. Who sold the least amount of boxes?

2. Who sold the most cookies?

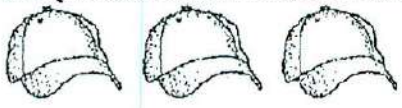
3. What is the range of boxes of cookies sold? Find the range by subtracting the least number of cookies sold from the most number of cookies sold?

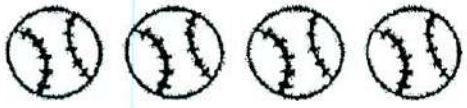
4. Is there a number that occurs more than once? The number you see the most often is called the mode.

5. List the number of cookies old from least to greatest. Then, circle the number in the middle.

Pam's Shopping Trip

Pam's baseball team needs some new equipment. At the store, the prices were shown like this:

 **$15.** Caps sell 3 for $15.00

 **$12.** Balls sell 4 for $12.00

1. Eight balls cost $_____

Show how you know your answer is correct.

2. One cap costs $ _____

Show how you know your answer is correct.

3. Two caps cost $_____

Show how you know your answer is correct.

Pam has $25. If she only buys caps,

4. What is the greatest number of caps she can buy? _____

Show how you know your answer is correct.

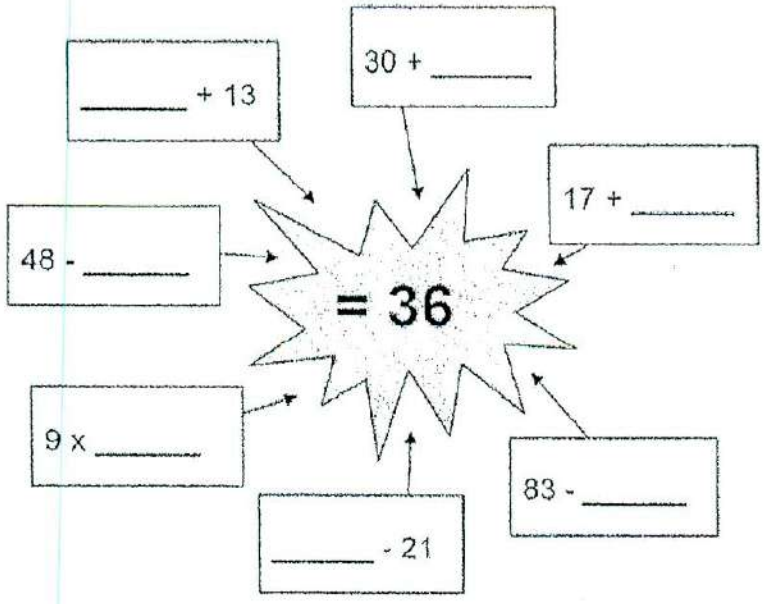
Pam has 4 players on her team who need one new cap and one new ball.

5. How much will that cost all together? $_____

Show how you know your answer is correct.

What's Missing?

Fill in all the missing numbers so the answer is **always 36.**



2. Fill in the gaps below to make the answer 36. You may use these signs ONLY: + -

47 _____ 35 _____ 24 = 36

Sheep and Ducks

The farmer raises sheep and ducks.

1. How many legs on one duck? _____
2. How many legs on 4 ducks? _____
3. How many legs on 5 sheep? _____

4. Next to the barn is a pen with 2 sheep and 3 ducks. How many legs altogether? _____

   Show how you know your answer is correct.

5. One of the farmer's pens has a high fence around it. He can see 32 legs under the fence. How many sheep and ducks are in this pen?

   Show one way to have sheep and ducks with 32 legs in all.

   Show a different number of sheep and ducks with 32 legs in all.

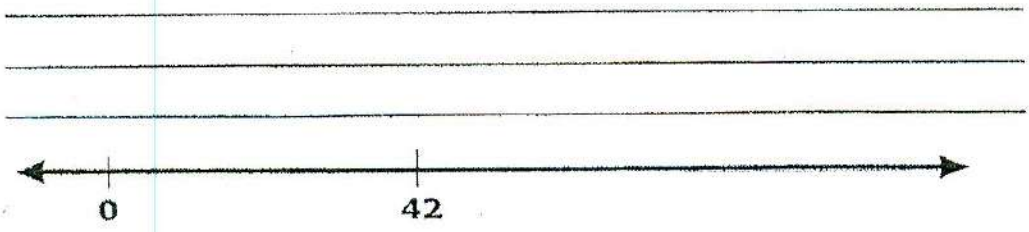
Carol's Numbers

Carol has three number cards.

1. What is the largest three-digit number Carol can make with her cards?

2. What is the smallest three-digit number Carol can make with her cards?

Explain to Carol how she can make the smallest possible number using her three cards.



3. About where would 85 be? Place 85 on the number line where it belongs.

4. About where would 21 be? Place 21 on the number line where it belongs.

5. About where would 31 be? Place 31 on the number line where it belongs.

Tell Carol how you knew where to place 31 and why.