

Student Name: _____

Vernon Public Schools

Grade K Mathematics

Summer Review Packet



This optional Math Packet consists of problems that review, maintain, and deepen the skills and concepts learned in 6 strands of mathematics: Operations & Computation; Numeration; Patterns, Functions, & Algebra; Data & Chance; Measurement & Reference Frames; and Geometry.

1. Count out loud to an adult.
 - a. by ones to 50
 - b. skip count by fives to 50
 - c. skip count by tens to 50

2. Tally marks can be used to show a number. They are usually grouped in fives. Draw lines to match the numbers below with the tally marks.

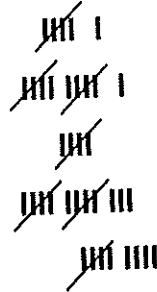
5

9

13

6

11



3. Write the numbers using tally marks.

a. 8



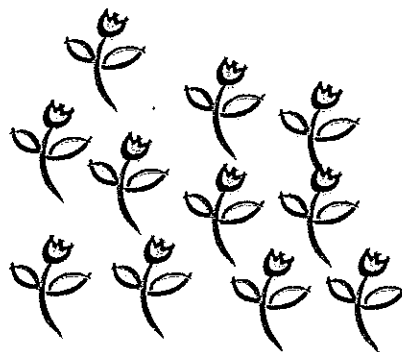
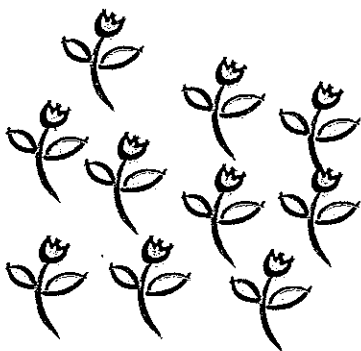
b. 3



c. 10



4. Which is more? Circle the greater (bigger) amount.



5. From a pile of coins...

a. pick out a penny. What is its value? _____ ¢

b. pick out a nickel. What is its value? _____ ¢

c. pick out a dime. What is its value? _____ ¢

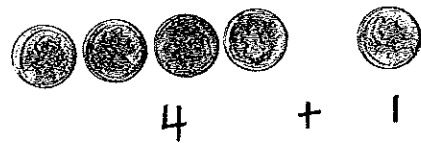
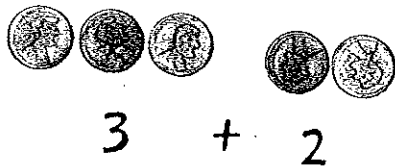
6. Talk with an adult about each of the coins. What do you notice on the "heads" side? What is on the "tails" side?

HEADS

TAILS

7. Ways to Show Five

Count out five pennies with your child. Have your child help you arrange the pennies in several different ways: a straight line, close together, far apart, by 2s with one left over, in a group of 3 and a group of 2, and so on. Discuss with your child that however you arrange them, the number is still 5. Draw pictures of some of the arrangements.



8. Count out loud to an adult.

- a. To 23
- b. To 30 by 5s
- c. To 41

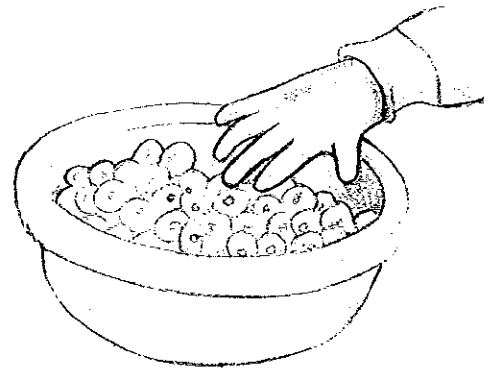
9. Put some small objects (pennies, blocks, cereal) in a bowl. Grab a handful. Estimate how many there are, then count. Were you right? Have someone else grab a handful. Do they have the same amount? Do they have more or less? Record your numbers below.

You

Friend

Estimate _____

Actual _____



10. Circle the smaller number.

8 6

10 15

3 13

10. Look for patterns on clothes. Copy a pattern you find on the paper below.



11. Look at the picture below. Answer the questions.

a. You have 2 birthday hats, but need more so that everyone may have one. How many **more** do you need? _____

b. Write the adding sentence for the problem above.

$$2 + \underline{\quad} = \underline{\quad}$$

c. If another friend came to the party, how many hats would they need all together? _____

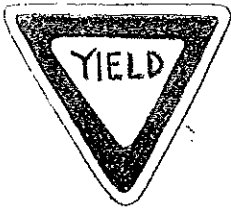


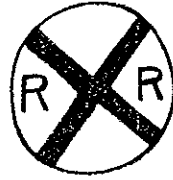
12. Mary and Jane are wearing blue tops today. Joe is wearing a blue top too. How many children in our class are wearing blue tops?

13. Marcos and Sam made a block tower that was 9 blocks high. The top block fell off. How many blocks high is the tower now?

14. Cam carried 2 apples to the table. Then he got 3 more. How many apples did he have?

15. Name the shape of each sign.







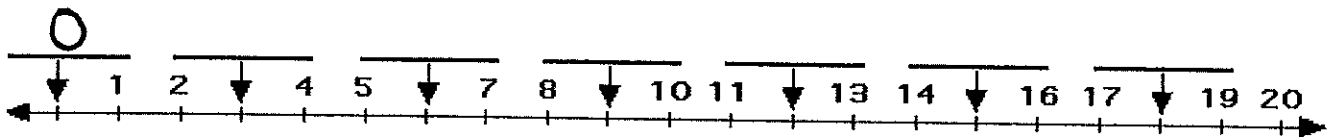
16. Read 2 books.

Count the number of pages. Book 1 _____ Book 2 _____

Circle the bigger number.

17. Practice counting forward and backward. Try starting at different numbers. Start at 14 and count forward. Then count backward. Start at 20 and count to 30. Count to 10 and then count backward to 0....Blast off!

18. Complete the number line.



19. What comes next? Fill in the next 3 spaces to complete each pattern.

1. ▲▲▲ ○○○ ▲▲▲ ○○ _____

2. ○▲□○▲□○▲□○ _____

3. ● ○ ●● ○○ ●●● ○○○ ●●● _____

20. Read the numbers out loud to an adult.

- a. 27
- b. 50
- c. 19

21. Estimate and then count how many books (or cds or movies) are in a bookcase (or on one shelf).

Estimate _____ Actual Count _____

Were you correct? _____ Were you close? _____

22. Ordinal Numbers
Put an **X** on the fourth person
Circle the first person
Draw a **line** under the third person



23. Count to 25 by 5s and write the numbers below.

24. Count to 50 by 10s and write the numbers below.

25. Choose a color of car. The next time you are riding in a car, count how many cars of that color you see on your trip.

Color: _____ Number of cars: _____

26. Collect any loose coins around your house (Have an adult help you.)

a. Count the number of coins you collected in all. _____

b. Sort the coins into groups and write down the number of coins in each group.

_____ pennies

_____ nickels

_____ dimes

_____ quarters

c. I have more _____ than _____.

27. Count how many your house has.....

a. people _____

b. televisions _____

c. rooms _____

d. windows _____

28. Draw a line to match the name of each shape to its picture.

1. rectangle



2. oval



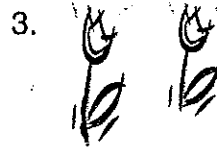
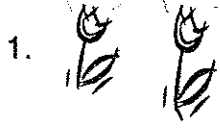
3. triangle



4. circle



29. Circle the **taller** flower.



30. With an adult, look around your house for things that are the shapes below.

Circle: I found _____

Rectangle: I found _____

Triangle: I found _____

Oval: I found _____

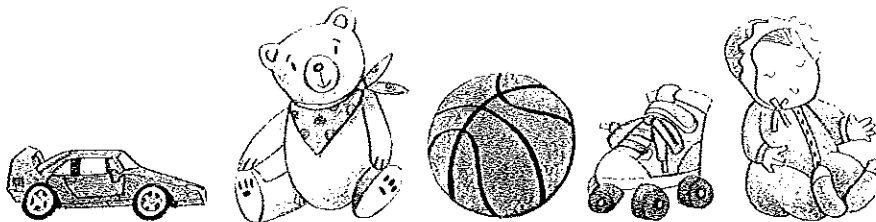
Square: I found _____

31. Ordinal Numbers

Put an **X** on the second toy.

Circle the third toy.

Draw a **line** under the fifth toy.



32. Shape Riddles

I have 3 sides and 3 corners _____

I have 4 sides all the same length _____

33. Use the following shapes to make a house. Count how many of each shape you used.

Circles, squares, rectangles, triangles, ovals, rhombus (diamond)

I used _____ circles

I used _____ ovals

I used _____ squares

I used _____ triangles

I used _____ rectangles

I used _____ rhombus

33. Take a small group of objects, such as pennies, beans, or popcorn and divide them into 2 equal groups, 3 equal groups, and so on. Do you have some left over? Draw a picture of some of your groups.

Equal groups

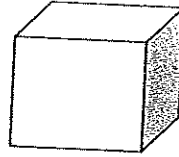


Leftovers

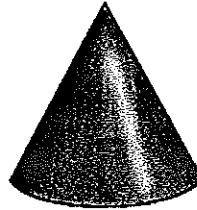


34. Match the 3-dimensional shape to its name.

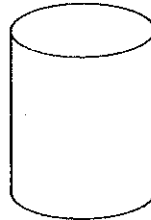
Cylinder



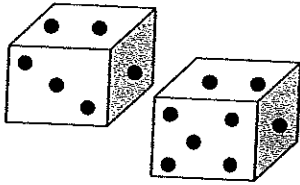
Cube

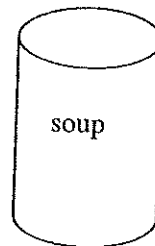


Cone



35. What 3-dimensional shape is each object?







36. Complete the number grid.

1				
	7			
		13		
			19	
				25
			29	
		33		
	37			
			44	