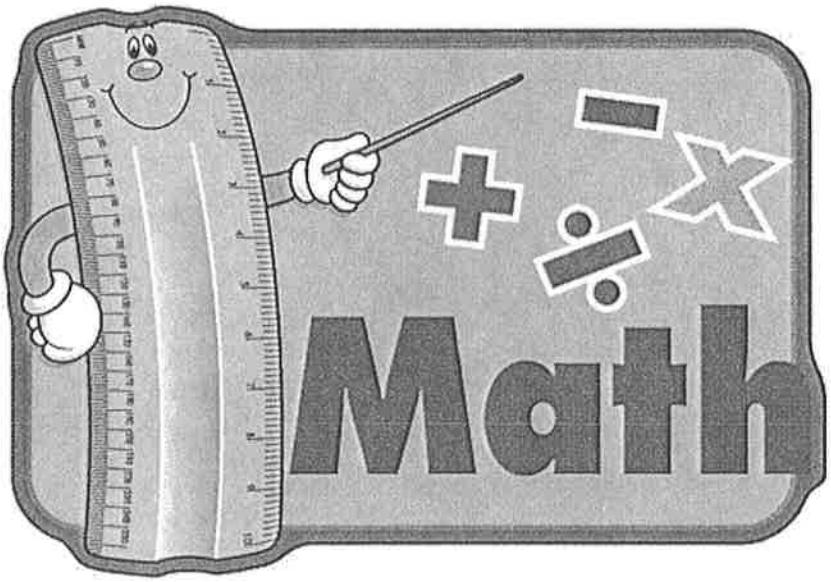
Name: _____

2nd Grade (Heading into 3rd Grade)

Summer Math Packet/ UHA



Dear Parents and Students,

This summer's math packet contains problems and questions that were practiced in second grade. In order to keep you well prepared for third grade, this packet was made for you to keep your math skills sharp. Also attached is a nightly practice sheet for addition and subtraction facts. Please return the packet and signed sheet on the first day of school (each is worth 50 points for a total of 100 points).

Addition/ Subtraction Facts - Summer Math Practice

Entering 3rd Grade in August

Name: _____

Parents,

Please have your child study their addition/subtraction facts each day for 15 minutes per day. They should know how to add and subtract without using fingers by the time school starts. This assignment will be worth 50 points. It is crucial that your child knows his/her addition/subtraction facts in order to continue on successfully in math. Please sign below on one line, for every 15 minutes your child has practiced. This is due by the first day of school. Feel free to move on to 2 and 3 digit addition and subtraction if your child is ready. Thank you and have a wonderful summer!

1.		26.	
2.		27.	
3.		28.	
4.		29.	
5.		30.	
6.		31.	
7.		32.	
8.		33.	
9.		34.	
10.		35.	
11.		36.	
12		37.	
13		38.	
14.		39.	
15.		40.	
16.		41.	
17.		42.	
18.		43.	
19.		44.	
20.		45.	
21.		46.	
22.		47.	
23.		48.	
24.		49.	
25		50.	

1. Mary has 25 books. Tom has 1 **less** than Mary. How many books does Tom have?

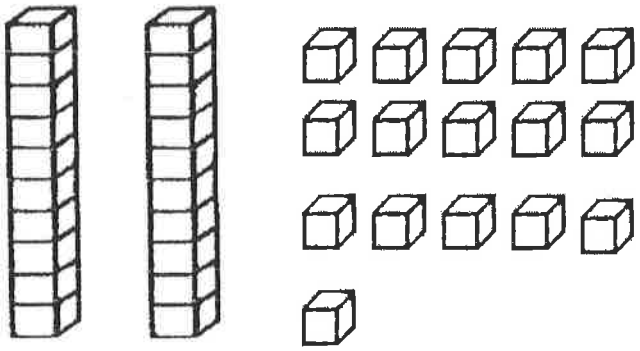
- 26
- 15
- 24
- 16

2. What means the same as 52?

- 5 +2
- 50 + 20
- 20 + 5
- 50 + 2

3. What number means the same as the picture of the blocks?

- 65
- 36
- 55
- 18



4. What is the value of <u>4</u> in 49?

- 9
- 4
- 40
- 90

5. Bob had 10 **more** cars than Paul. Paul had 15 cars. How many cars did Bob have?

- 1,015
- 150
- 5
- 25

6. What means the same as 2 tens and 13 ones? Draw a picture if you need to.

- 213
- 2013
- 23
- 33

7. What is the value of 7 in 37?

- 70
- 7
- 30
- 3

8. Which means the same as 63 ?
   - 6 + 3
   - 60 + 30
   - 30 + 6
   - 60 + 3

9. Finish the following counting patterns.

A.) 100, 200, 300, 400, _____, _____, _____, _____

B.) 17, 27, 37, 47, _____, _____, _____, _____

C.) 55, 50, 45, 40, _____, _____, _____, _____, _____

10. The table shows how many children were absent from school the first three days last week.

Days of the Week	Number Absent
Monday – Mon.	28
Tuesday – Tues.	33
Wednesday – Wed.	25

Which list shows the days in order from **least** to **greatest** numbers?

○ Mon., Tues., Wed.

○ Mon., Wed., Tues.

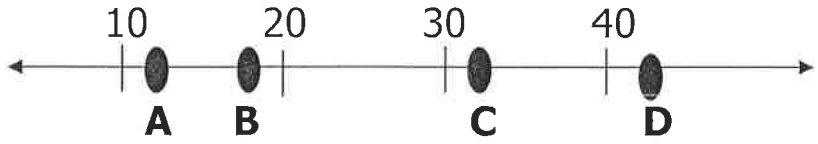
○ Tues., Mon., Wed.

○ Tues., Wed., Mon.

11. Jon held his breath for 42 seconds. This is **about**

○ A little less than 50
○ A little more than 50
○ A little less than 40
○ A little more than 40

12. Which number would **point B** stand for on the number line?



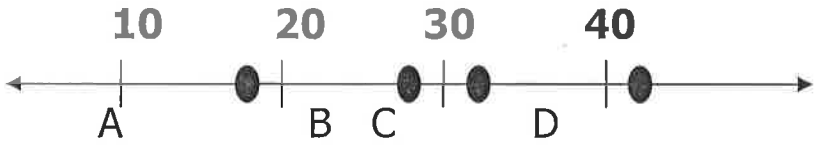
○ 12
○ 18
○ 25
○ 21

13. Gary measured four pieces of wood. Which piece is **longer** than 42 cm?

A	B	C	D
35 cm	37 cm	41 cm	52 cm

○ A
○ B
○ C
○ D

14. The number **32** would be **closest** to which point marked on the number line?



○ A
○ B
○ C
○ D

15. Add or Subtract

37	69	41	73
+22	-33	+29	-47
28	74	84	46
+55	+49	-58	-37

16. The chart below shows the number of children from each grade that rode the bus to school yesterday.

Grade	Number of Children
One	61
Two	45
Three	59
Four	54

17. Which grade had **more** than 50 children and **less** than 55 children?

○ One
○ Two
○ Three
○ Four

18. There were 27 oranges in a bag. **ABOUT** how many oranges were there?

- A little more than 20
- A little less than 20
- A little more than 30
- A little less than 30

19. John had 58 songs stored on his Ipod. **ABOUT** how many songs does he have?

- A little more than 50
- A little more than 60
- A little less than 50
- A little less than 60

20. Peter gathered **BETWEEN** 54 and 68 golf balls. Peter could have found how many golf balls?

- 52
- 61
- 70
- 45

21. Danny's Great Dane puppy weighs 87 lbs. **ABOUT** how many pounds does Danny's puppy weigh?

- A little less than 80
- A little more than 90
- A little less than 90
- A little more than 80

Answer the next 4 questions WITHOUT using a ruler.

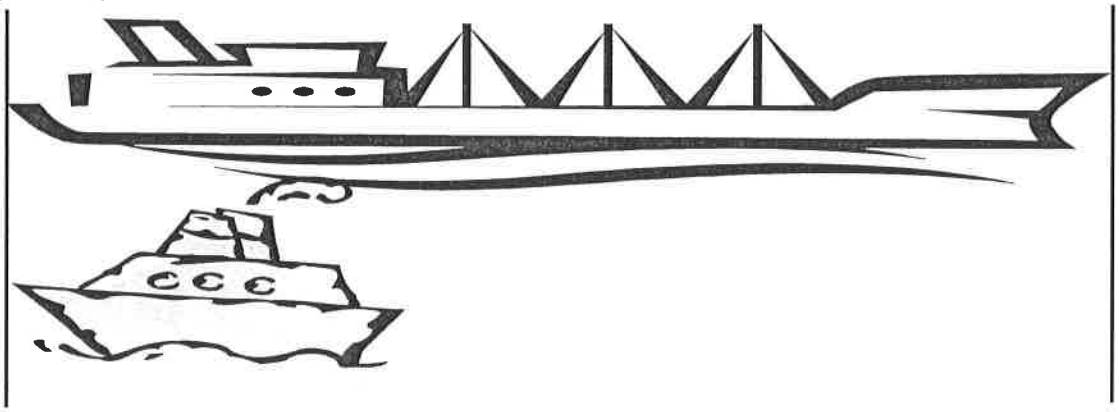
22. **About** how many arrows long is the line?

- 1
- 2
- 3
- 4

23. **About** how many cars long is the train?

- 2
- 3
- 4
- 5

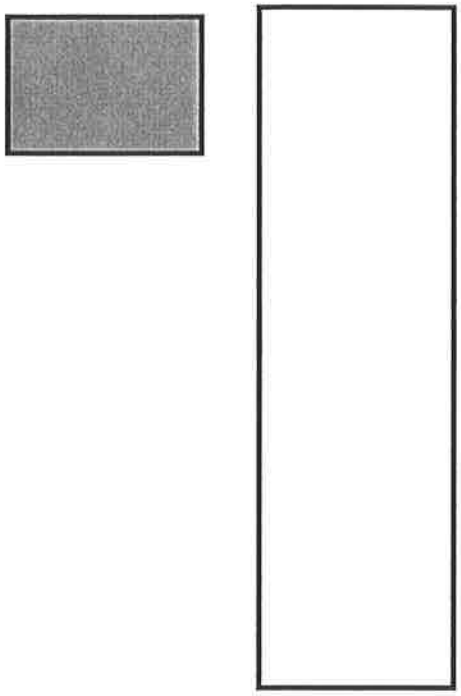
24. **About** how many small boats does it take to measure the large ship?



- 2
- 3
- 4
- 5

25. **About** how many shaded squares would you need to cover the large rectangle.

- 5
- 4
- 3
- 2

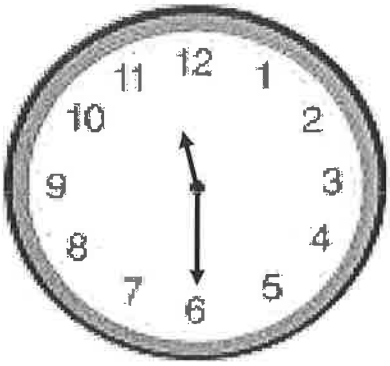


26. What is the time on the clock?

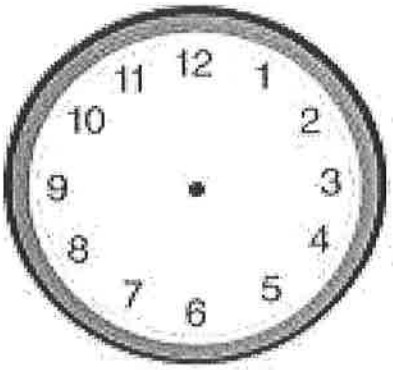
- 1:00
- 2:00
- 1:30
- 2:30

27. What time is on the clock?

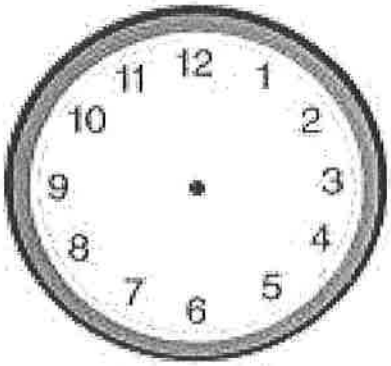
- 11:00
- 11:15
- 11:30
- 11:45



28. Show 9:00 on the clock below.

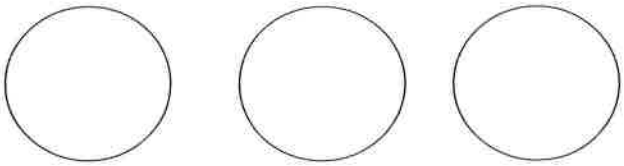


29. Show half-past 8 on the clock below.

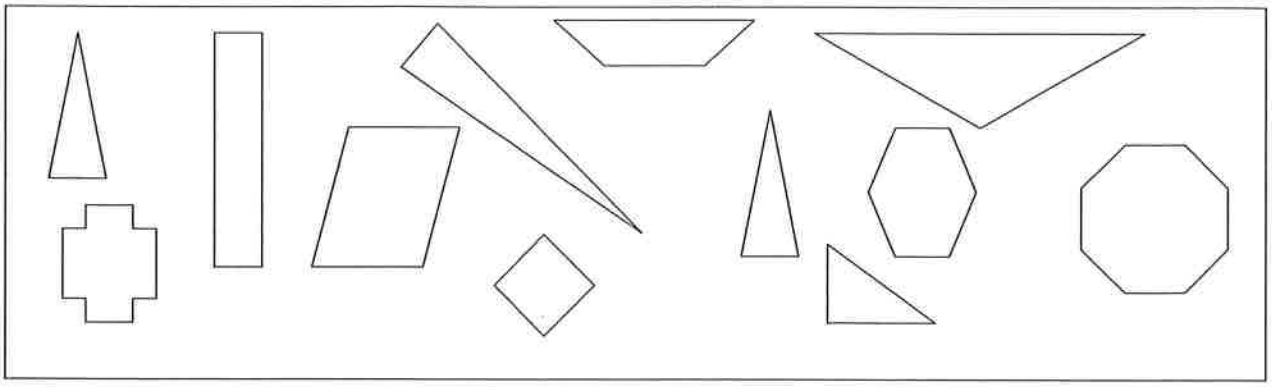


30. Shade in the rectangle below to show $\frac{1}{2}$ shaded.

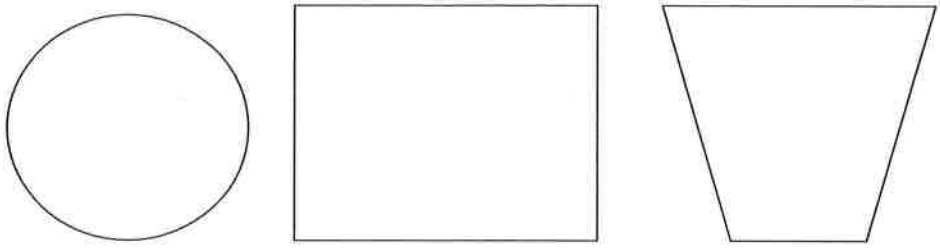
31. Shade in the circles to show $\frac{1}{3}$ of the circles shaded.



32. Circle all the triangles below.



33. Draw a square inside the trapezoid.



34. Draw a line of symmetry in the shape below.

35. How much money is this?

- 3¢
- 30¢
- 15¢
- 75¢

36. How much money?

D D D D D P P

- 27¢
- 52¢
- 35¢
- 70¢

37. Draw coins to show one way to make 27¢ in the box below.

38. Draw coins to show one way to make 61¢ in the box below.

39. Fill in the missing numbers.

A.) 2, 4, 6, 8, 10, _____, _____, _____, _____, _____,

B.) 90, 80, 70, 60, _____, _____, _____, _____

C.) 37, 47, 57, 67, _____, _____, _____, _____

40. Measure the line below to the nearest **inch**.

- 1 inch
- 2 inches
- 3 inches
- 4 inches

41. Measure the line below to the nearest **inch**.

- 7 inches
- 6 inches
- 5 inches
- 4 inches

42. Measure the line below to the nearest **centimeter**.

- 3 cm
- 4 cm
- 5 cm
- 6 cm

43. In the box below, draw a line that is 7 centimeters long.

44. In the box below, draw a line that is 2 centimeters long.

45. In the box below, draw a line that is 3 inches long.

46. What unit of measure would you use to measure how tall a regular house is?

- Inches
- Centimeters
- Feet
- Pounds

47. Bill found 6 four-leaf clovers. Stacy found 3 four-leaf clovers. Find the number sentence that shows how many four leaf clovers they had altogether.

- $6 - 3 = 3$
- $6 + 3 = 9$
- $9 - 3 = 6$
- $3 + 9 = 6$

48. Cathy picked a pumpkin that weighed 13 pounds. Larry picked a pumpkin that weighed 16 pounds. How many pounds did the pumpkins weigh altogether?

- 19 pounds
- 29 pounds
- 30 pounds
- 20 pounds

49. Use the table to create a pictograph. The graph has been started for you.

Our Class Favorite Animals

Favorite Animal	Number of Students
DOG	5
CAT	3

1 student = 

Favorite Animal	Number of Students
DOG	
CAT	

50. Kevin swam 14 laps on Monday. He swam 13 laps on Tuesday. Kevin is 8 years old. How many laps did Kevin swim altogether?

- 21
- 22
- 27
- 35

FACT PRACTICE

2	7	8	5	4
+ 3	+ 2	+ 1	+ 2	+ 3
7	1	8	2	3
+ 2	+ 2	+ 3	+ 5	+ 2
0	1	3	6	7
+ 3	+ 2	+ 2	+ 2	+ 1
7	8	6	7	2
+ 1	+ 2	+ 3	+ 3	+ 2
3	0	5	4	3
+ 3	+ 2	+ 1	+ 2	+ 4
7	2	9	1	1
+ 2	+ 7	+ 1	+ 8	+ 1

FACT PRACTICE

16 − 9	10 − 4	8 − 2	7 − 2
12 − 0	17 − 5	10 − 9	11 − 11
14 − 9	7 − 7	19 − 0	11 − 5
13 − 7	11 − 0	17 − 4	18 − 6
10 − 6	16 − 9	9 − 7	11 − 8

ADD.

24 +53	73 +12	12 +17
31 +40	31 +37	10 +67
57 +35	19 +19	44 +47
37 +24		

SUBTRACT.

24 -13	73 -12	12 -11	36 -23
31 -10	58 -37	79 -67	72 -58
57 -38	34 -19	44 -7	37 -29
84 -57			