

Dear Parents or Guardians,

Summer is a time for our students to take a much anticipated and needed break from the daily academic routine. It is a time to relax and refresh. Likewise, it also offers a time for renewal and preparation for the upcoming school year. Throughout this past school year, our students have deepened their understanding of many mathematical topics and have learned numerous new skills and concepts. In order for these hard-earned skills to be at their fingertips when they return in September, it is important that they have opportunities to refresh and practice math through these coming weeks. Below is Cold Springs School Summer Math Packet for students ENTERING Third grade. We have included pages that will provide review, reinforcement and enrichment of the topics that we have introduced this year. Please have your child spend some time working on the packet a few minutes each day. Then, in September, this packet should be returned to your child's new teacher by the end of the first full week of school.

You can provide real life math applications daily by having your child:

- Tell you what time it is. (What time will it be in half an hour?)
- Count the change in your purse. (How many ways can you make 25 cents?)
- Look at the calendar (ask what day is tomorrow, what date will it be in two weeks.)
- Your child can help you measure ingredients when you cook (great for fraction review).
- You can make up math word problems while you are shopping. For example: "What do you think weighs more, the bag of apples or the bag of potatoes?"
- Counting by ten's five's, or two's aloud is a good practice, try counting by threes!
- Check the temperature. Where is it cooler? Where is it hotter?
- Use mathematical vocabulary: equal, equation, less than, greater than, how many more, what is the difference.

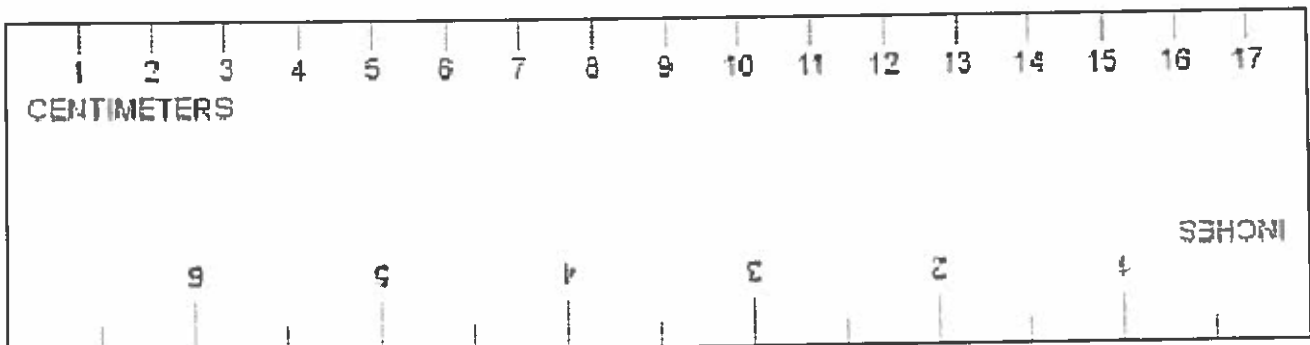
Providing these higher level thinking skills and problem solving activities can increase your child's mathematical skills as well as self-confidence and self-esteem. Most of all, whatever you do, enjoy doing it with your child.

We have enjoyed working with your children and are so very proud of their accomplishments. Enjoy your summer!

Please return to school by the end of the first full week of school!



Use this ruler to measure and draw.



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

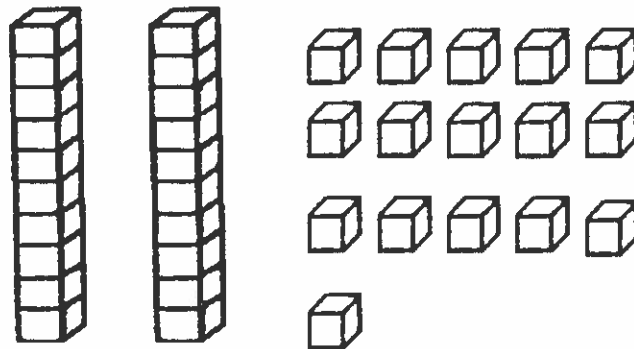
- 26
- 15
- 24
- 16

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 4 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

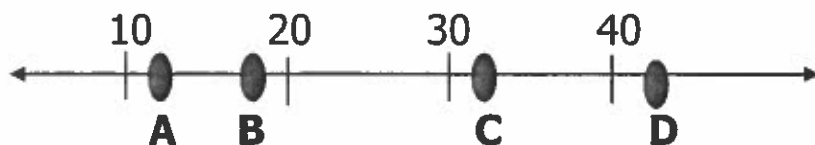
Which list shows the days in order from **least** to **greatest** numbers?

- Mon., Tues., Wed.
- Mon., Wed., Tues.
- Tues., Mon., Wed.
- Tues., Wed., Mon.

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

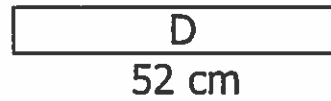
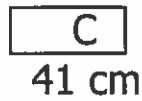
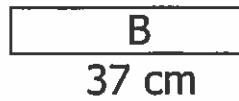
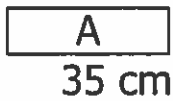
- A little less than 50
- A little more than 50
- A little less than 40
- A little more than 40

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



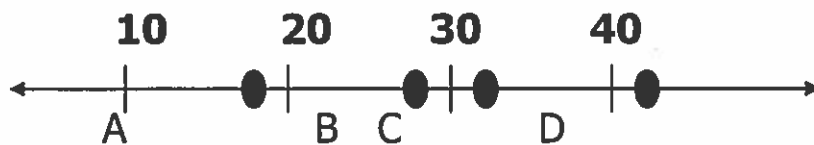
- 12
- 18
- 25
- 21

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



- A
- B
- C
- D

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



- A
- B
- C
- D

15. Add or Subtract

$$\begin{array}{r} 37 \\ +22 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ -33 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ +29 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ -47 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ +55 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ +49 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ -58 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ -37 \\ \hline \end{array}$$

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?



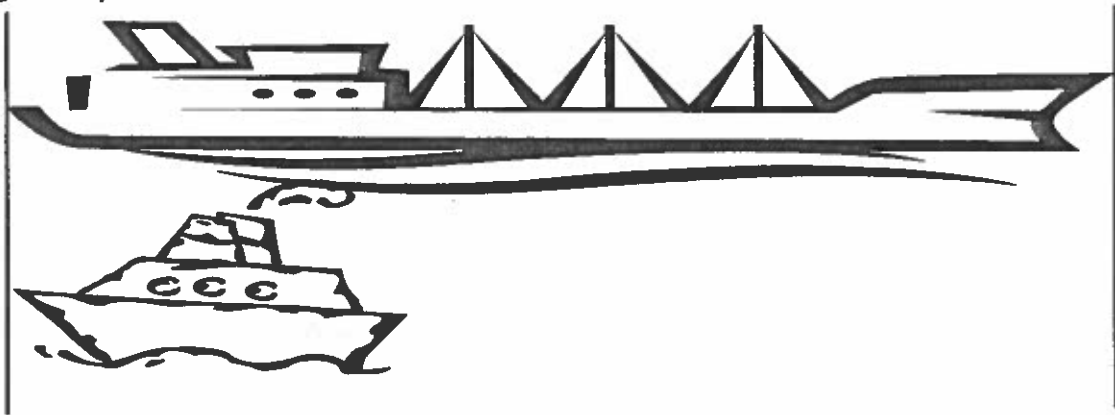
- 1
- 2
- 3
- 4

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



- 2
- 3
- 4
- 5

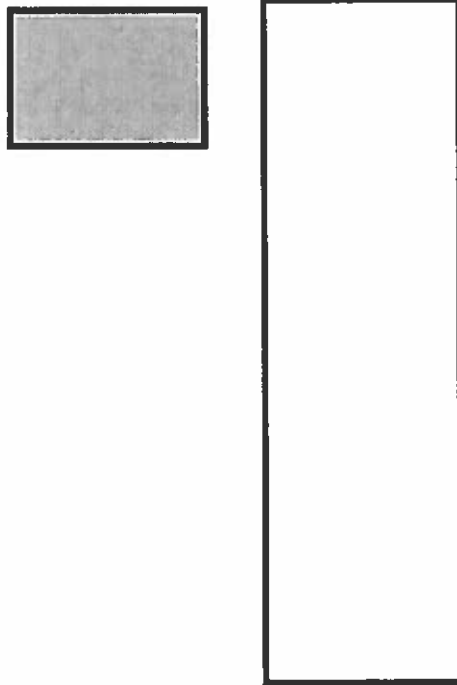
24. **About** how many small boats does it take to measure the large ship?



- 2
- 3
- 4
- 5

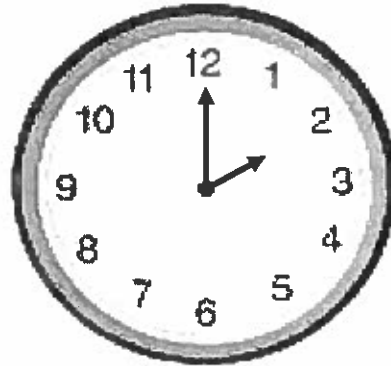
25. **About** how many shaded squares would you need to cover the large rectangle.

- 5
- 4
- 3
- 2



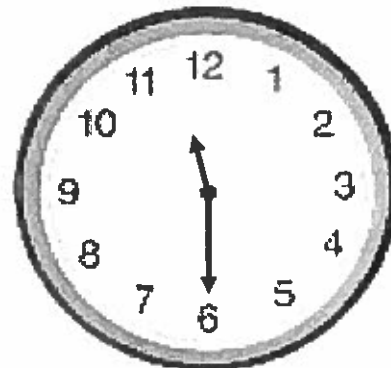
26. What is the time on the clock?

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

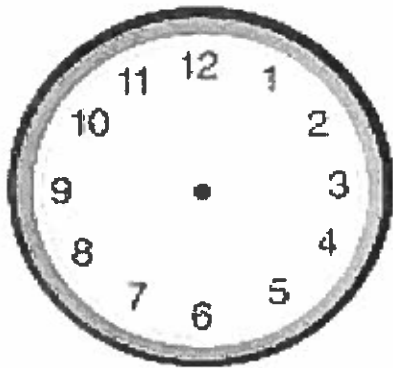


27. What time is on the clock?

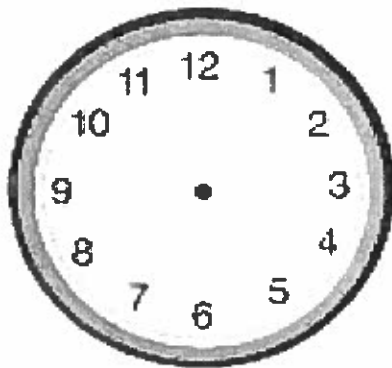
- 11:00
- 11:15
- 11:30
- 11:45



28. Show 9:00 on the clock below.



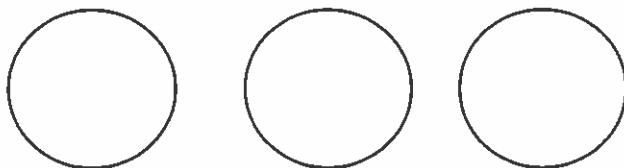
29. Show half-past 8 on the clock below.



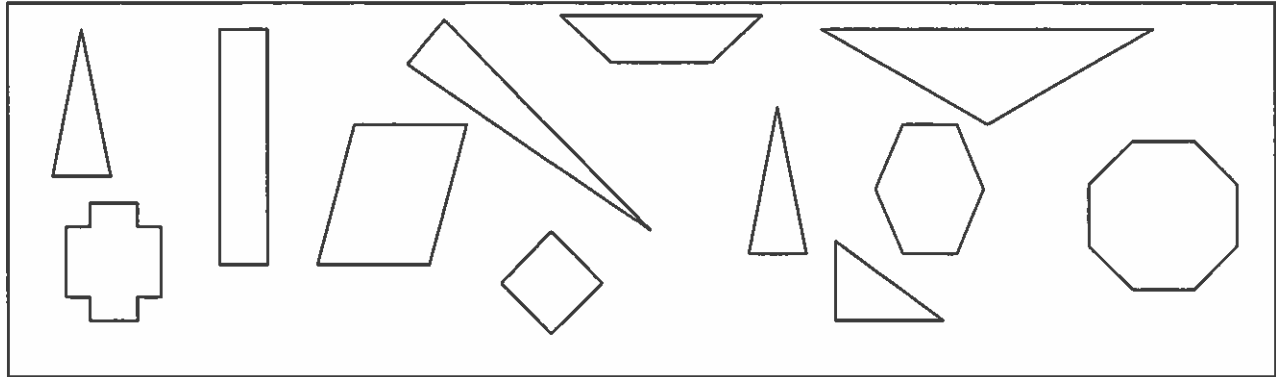
30. Shade in the rectangle below to show $\frac{1}{2}$ shaded.



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



32. Circle all the triangles below.



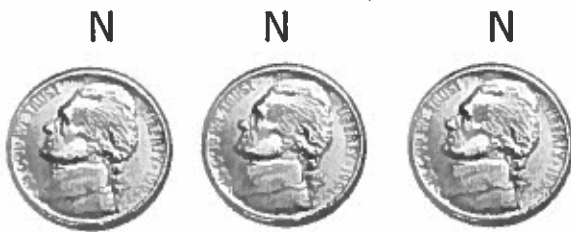
33. Draw a square inside the trapezoid.



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

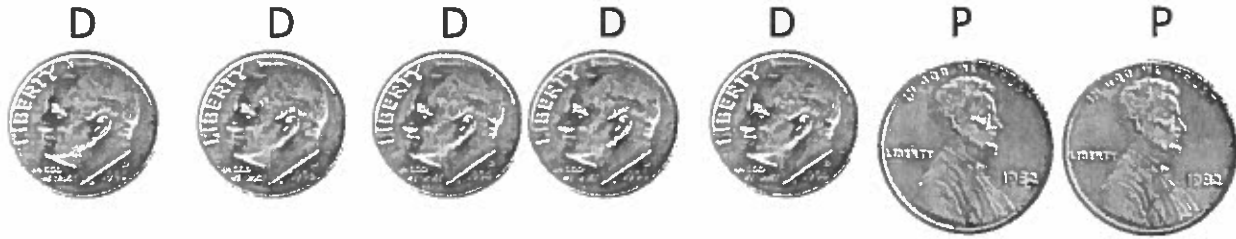


35. How much money is this?



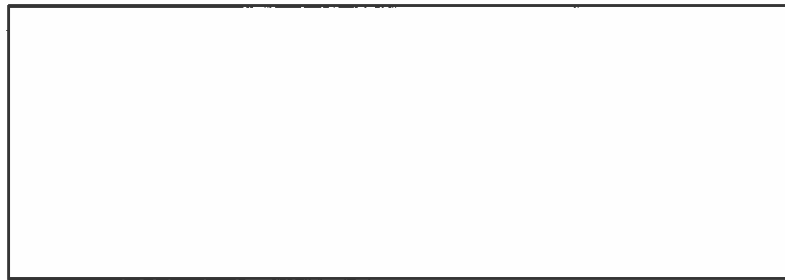
- 3¢
- 30¢
- 15¢
- 75¢

36. How much money?

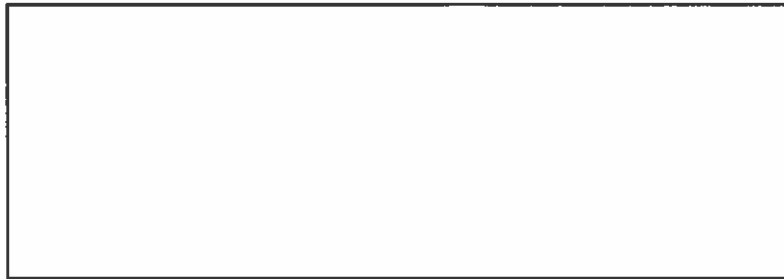


- 27¢
- 52¢
- 35¢
- 70¢

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

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$

FACT PRACTICE

$$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$$

ADD.

$$\begin{array}{r} 24 \\ +53 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ +12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ +40 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ +37 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +67 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ +35 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ +19 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ +47 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ +24 \\ \hline \end{array}$$

SUBTRACT.

$$\begin{array}{r} 24 \\ -13 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ -10 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ -37 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ -67 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ -58 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ -38 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ -19 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ -29 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ -57 \\ \hline \end{array}$$