

Entering 3rd Grade Summer Math Practice, Practice, Practice!

Students should be fluent in their addition and subtraction facts. Math fact fluency is the ability to quickly and accurately recall the answer to math facts. Being fluent means you no longer rely on strategies such as counting on your fingers or drawing models to compute. Some ways to practice math fact fluency are mad minutes, flashcards, Flash to Pass or Reflex. Suggested time to practice is two or more times per week. Students will be assessed on their fact fluency, within the first two weeks of 3rd grade.

Name _____

Choose the correct answer.

1. Which shows a related addition fact?

$$17 - 9 = 8$$

- $17 + 9 = 26$
- $9 - 8 = 1$
- $8 + 9 = 17$
- $25 - 8 = 17$

2. There are 7 big dogs and 6 small dogs. Which number sentence shows how many dogs there are in all?

- $7 + 6 = 13$
- $7 - 1 = 6$
- $10 + 7 = 17$
- $19 - 7 = 12$

3. Tess collects 2 green leaves, 8 red leaves, and 5 yellow leaves. How many leaves does Tess collect in all?

- 7
- 10
- 13
- 15

4. There are 545 seats at the theater. 362 seats are filled. How many seats are empty?

Hundreds	Tens	Ones
□	□	□
5	4	5
- 3	6	2

- 283
- 223
- 183
- 123



Name _____

5. What is the sum?

$$\begin{array}{r} 179 \\ + 515 \\ \hline \end{array}$$

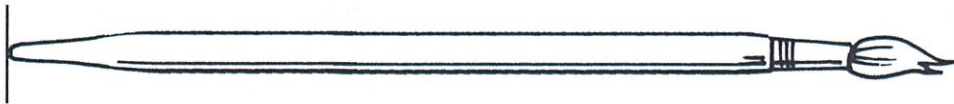
- 794 694
 784 684

6. What is the difference?

$$\begin{array}{r} 803 \\ - 427 \\ \hline \end{array}$$

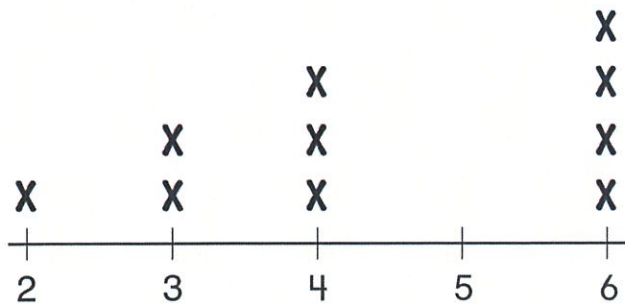
- 486 386
 476 376

7. Use an inch ruler. What is the length of the paintbrush to the nearest inch?



- 4 inches 6 inches
 5 inches 7 inches

8. Use the line plot.
How many toy planes are 4 inches long?



- 2
 3
 4
 6



Name _____

9. Which is the **best** estimate of the length of an adult's shoe?



- 1 foot
- 3 feet
- 5 feet
- 9 feet

10. Eddie wants to measure the distance around a water bottle. Which is the **best** tool for Eddie to use?



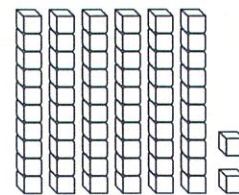
- cup
- measuring tape
- pencil
- counters

11. Ms. Martinez writes an even number on the board. Which could be the number that Ms. Martinez writes?

- 13
- 11
- 10
- 9

12. What is the value of the underlined digit?

62



- 2
- 20
- 6
- 60

GO ON

Name _____

13. Which shows another way to write the number?

74

- 4 tens 7 ones
- forty-seven
- $7 + 4$
- $70 + 4$

14. Which group of numbers shows counting by hundreds?

- 400, 405, 410, 415
- 500, 510, 520, 530
- 600, 700, 800, 900
- 700, 701, 702, 703

15. Which object is shaped like a cube?



16. Which names a shape with 5 sides and 5 vertices?

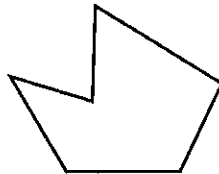
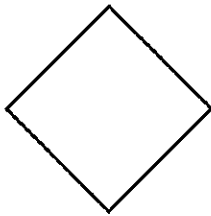
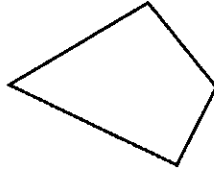
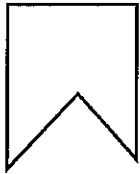


- triangle
- quadrilateral
- pentagon
- hexagon

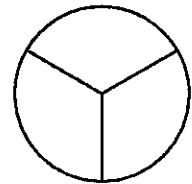
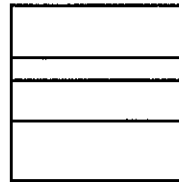
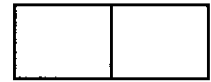
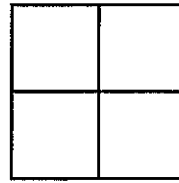
GO ON 

Name _____

17. Which of these shapes has **more** than 5 sides?



18. Which shows a fourth of the shape shaded?



19. Jen has 52 beads. She buys 17 more beads. Which number sentence tells how many beads Jen has now?

$52 + 17 = 69$

$52 - 17 = 35$

$35 + 17 = 52$

$25 + 17 = 42$

20. What is the sum?

$$\begin{array}{r} 43 \\ 27 \\ + 13 \\ \hline \end{array}$$

40

70

73

83



Name _____

21. What is the sum?

$$47 + 6 = \square$$

53

43

52

41

22. What is the sum?

$$\begin{array}{r} 38 \\ + 23 \\ \hline \end{array}$$

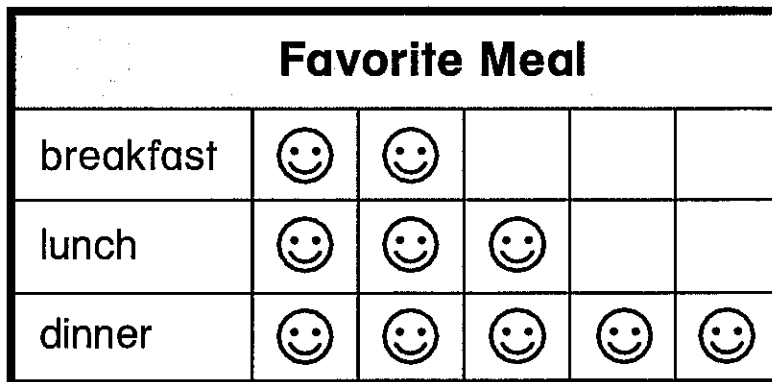
15

55

51

61

Use the picture graph for Questions 23–24.



Key: Each  stands for 1 child.


23. How many children in all picked a favorite meal?

3

8

5

10

24. 2 more children choose lunch. How many  should be in the lunch row now?

2

5

4

7

GO ON 

Name _____

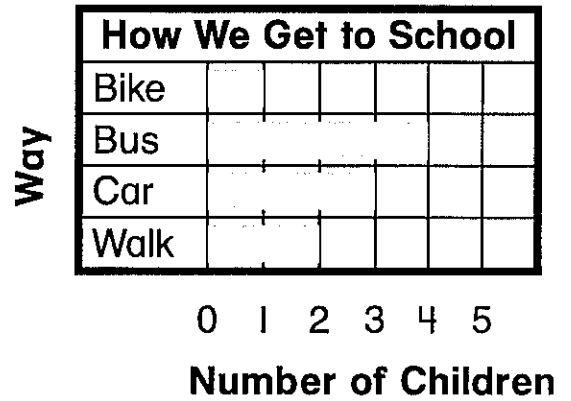
25. Mr. Campa made a tally chart of the trees he sold.

Trees Sold	
Tree	Tally
apple	
oak	
pine	

How many pine trees did Mr. Campa sell?

- 3 9
 6 10

26. Use the bar graph.



How many children do **not** take the bus to school?

- 6 2
 3 1

27. Which number has the digit 2 in the hundreds place?

- 20
 742
 298
 25

28. Which shows another way to write the number?

- four hundred twenty-three
 $4 + 2 + 3$
 $40 + 23$
 $400 + 20 + 3$
 $400 + 20 + 30$



Name _____

29. Look at the pattern. What number comes next?

351, 361, 371, 381, 

- 382
- 391
- 386
- 481

30. Which of the following is true?

- $274 > 269$
- $285 = 280$
- $367 < 267$
- $508 > 941$

31. What is the total value of the coins?



- 70¢
- 61¢
- 60¢
- 52¢

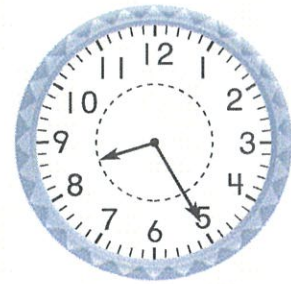
32. Hugo wants to buy a bottle of juice that costs one dollar. Which coins have a total value of one dollar?

- 10 quarters
- 10 nickels
- 4 quarters
- 4 nickels



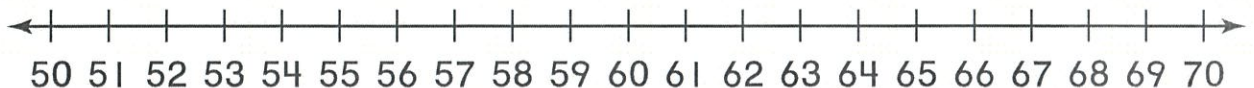
Name _____

33. Emily went to bed for the night at the time shown on the clock. At what time did Emily go to bed?



- 5:40 a.m.
 5:40 p.m.
 8:25 a.m.
 8:25 p.m.

34. Break apart the ones to subtract. What is the difference?



$$62 - 6 = \underline{\quad}$$

- 68
 60
 58
 56

35. Mia had 48 stickers. She gave away 17 stickers. Which number sentence can be used to find how many stickers Mia has now?

- $40 + \square = 48$
 $48 - 17 = \square$
 $48 + 17 = \square$
 $65 - \square = 48$

36. Jamal has a box with 35 crayons. He puts 22 more crayons in the box. Then he takes 14 crayons out of the box. How many crayons are in the box now?

- 57
 53
 43
 8



37. What is the difference?

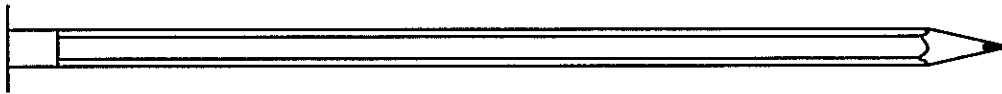
$$\begin{array}{r} 81 \\ - 25 \\ \hline \end{array}$$

- 66
- 64
- 56
- 54

38. Which statement is **true**?

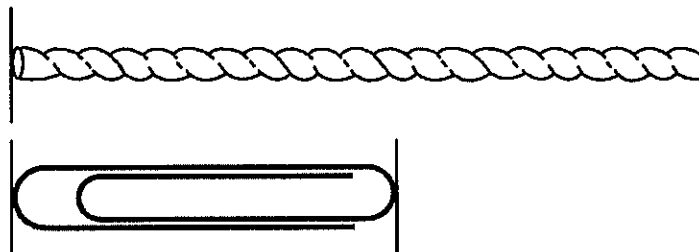
- 1 meter is longer than 1 centimeter.
- 1 meter is shorter than 1 centimeter.
- 1 centimeter is the same as 1 meter.
- 1 centimeter is longer than 1 meter.

39. Use a centimeter ruler. Which is the **best** choice for the length of this pencil?



- 15 centimeters
- 11 centimeters
- 13 centimeters
- 9 centimeters

40. Use a centimeter ruler. Measure the length of each object.



How much longer is the string than the paperclip?

- 14 centimeters longer
- 5 centimeters longer
- 9 centimeters longer
- 4 centimeters longer

