



*Marple Newtown School District*  
*2009*

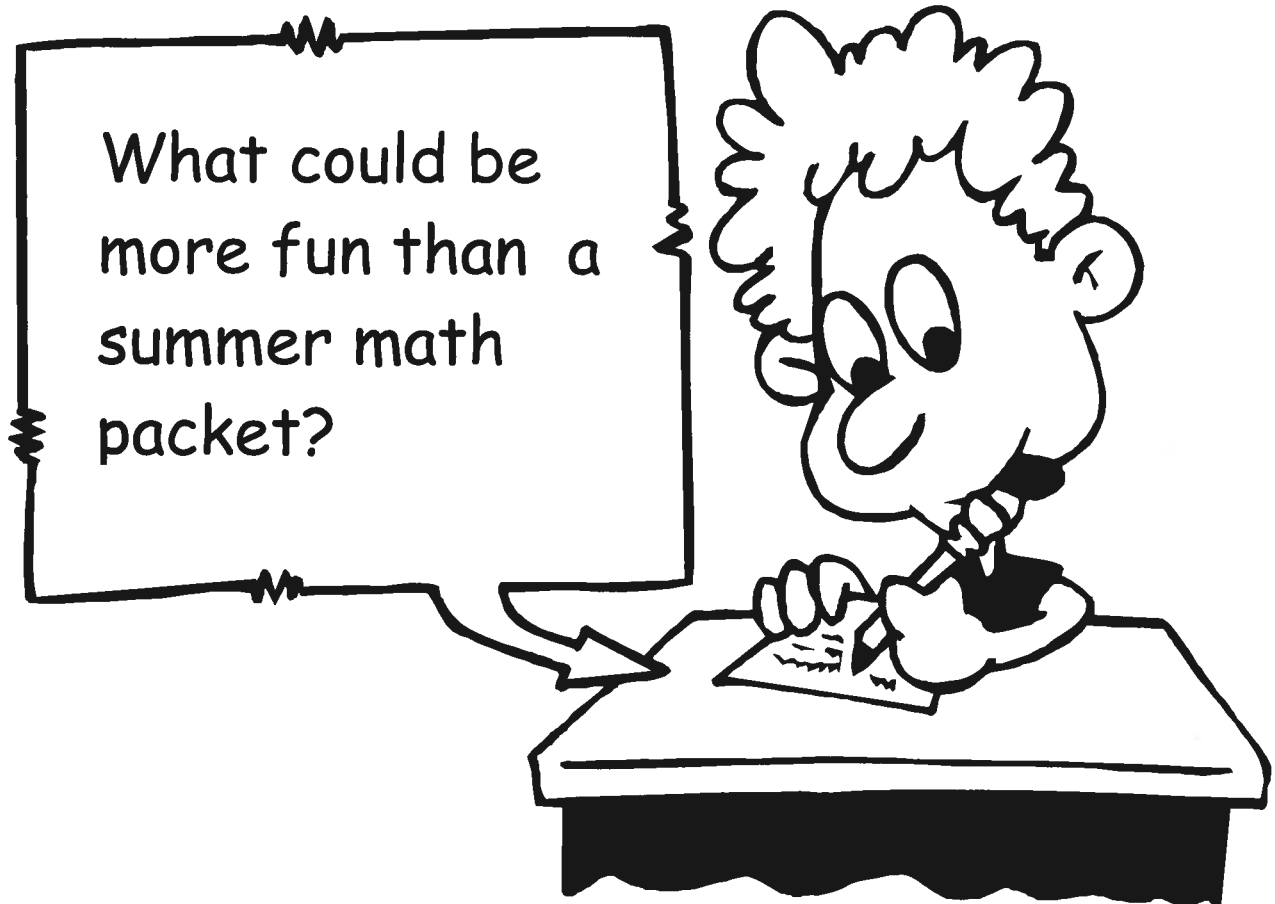
# *Summer Math Packet*





Please note:

This packet must be returned,  
completed, to your third grade  
teacher on the first day of school.



(1A)

1. Which means the same as  $50 + 3$ ?

- 503
- 35
- 53
- 8

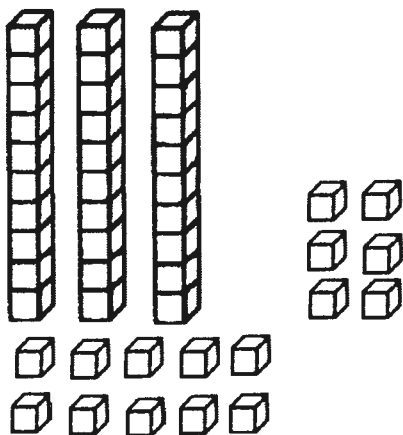
(1A)

2. Which means the same as 47?

- $4 + 7$
- $40 + 70$
- $70 + 4$
- $40 + 7$

(1B)

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



- 19
- 36
- 46
- 64

(1C)

4. What is the value of 8 in the number 28?

- 2
- 8
- 20
- 80

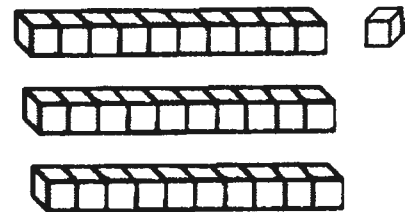
(1C)

5. What is the value of 3 in the number 36?

- 3
- 6
- 30
- 60

(2A)

6. What number is shown by these blocks?

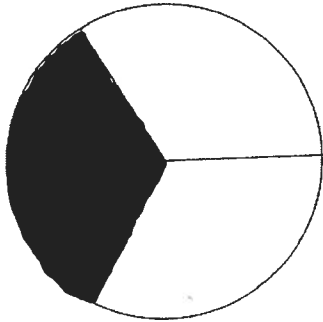


- 13
- 31
- 103
- 301

(2B)

7. What fractional part of the circle is shaded?

- $\frac{1}{2}$
- $\frac{1}{3}$
- $\frac{1}{4}$
- $\frac{1}{6}$



(2B)



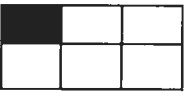

9. What fractional part of the group of stars is shaded?



- $\frac{1}{6}$
- $\frac{1}{2}$
- $\frac{1}{4}$
- $\frac{1}{3}$





(2B)

8. In which picture is  $\frac{1}{4}$  of the rectangle shaded?

- 
- 
- 
- 


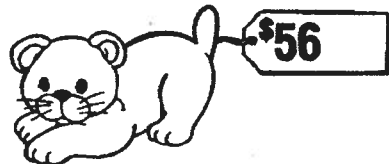

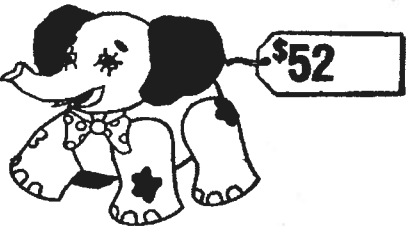
(2B)

10. In which group are  $\frac{1}{6}$  of the shapes shaded?

- 
- 
- 
- 

(4A)

11. Ashley bought a new stuffed animal. She spent **less** than \$45. Which animal did she buy?

- 
- 
- 
- 

(4A)

12. The chart below shows the number of children who ate hot lunch in school yesterday.

Grade	Number of Children
Grade One	25
Grade Two	31
Grade Three	28
Grade Four	22

Which grade had **more** than 29 children?

- Grade One
- Grade Two
- Grade Three
- Grade Four

(4B)

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





Day of the Week	Number Absent
Mon.	28
Tues.	33
Wed.	25

Which list shows the days in order from **largest** to **smallest** numbers?

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

(4B)

14. Jessica bought a new hat that cost **more** than \$35 but **less** than \$40. Which hat did she buy?

- 
- 
- 
- 

(4C)

15. Mrs. Glass baked 37 pies last week. She baked 2 **less** pies this week. How many pies did she bake this week?

- 35
- 36
- 38
- 39

(4C)

16. The chart below shows how many books four children read in second grade.

Children	Number of Books Read
Rusty	25
Edward	28
Ally	29
David	27

Who read 2 **more** books than Rusty?

- Rusty
- Edward
- Ally
- David

(4D)

17. There are 42 pencils in Mike's desk. **About** how many pencils does Mike have?

- 40
- 50
- 55
- 60

(4D)

18. Brittany ate 29 M&M's. **About** how many M&M's is that?

- 20
- 30
- 35
- 40

(4D)

19. Madison owns 18 pairs of shoes.  
**About** how many is that?

- a little less than 10
- a little more than 10
- a little less than 20
- a little more than 20

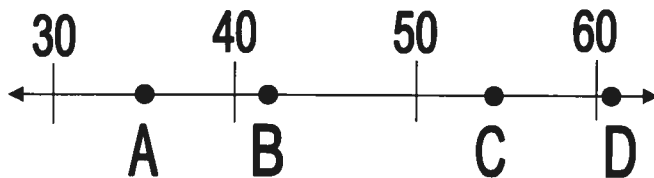
(4D)

20. Jon held his breath for 32 seconds.  
This is **about**

- a little less than 30
- a little more than 30
- a little less than 40
- a little more than 40

(4E)

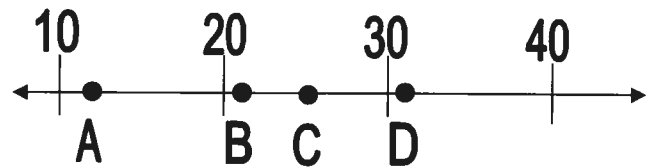
21. Which number would point B be  
**closest** to on the number line?



- 55
- 35
- 42
- 61

(4E)

22. The number 31 would be **closest** to which point marked on the number line?

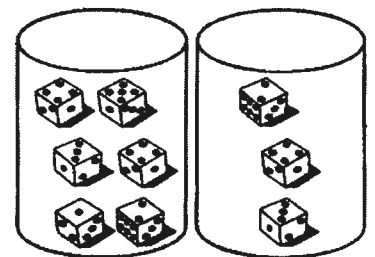


- A
- B
- C
- D

(5A)

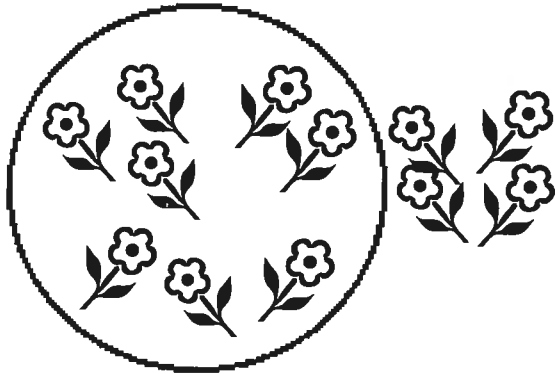
23. Brooke has 2 cans of dice. Which  
number fact shows how many dice there  
**are in all**?

- $6 + 1$
- $6 + 3$
- $9 + 3$
- $6 - 3$



(5A)

24. Sue picked 12 flowers. Which number fact shows how many flowers are in the circle?



- 12 - 4
- 8 - 4
- 12 + 4
- 12 + 8

(5B)

25. Chris had 15 jelly beans. He dropped 9 on the floor. Which number sentence could be used to find out how many jelly beans Chris has left?

- $15 + 9 = \square$
- $15 - 9 = \square$
- $9 - 15 = \square$
- $15 + 7 = \square$

(5B)

26. Sarah rode her bike 8 hours last week and 6 hours this week. Which number sentence could be used to find out how many hours Sarah rode her bike **altogether**?

- $8 + 6 = \square$
- $14 - 6 = \square$
- $14 + 8 = \square$
- $8 - 6 = \square$

(6A)

27. Solve this problem. Use counters to help you.

$$7 + 8 = \square$$

- 14
- 15
- 16
- 17

(6B)

28. You may use counters to help you solve this problem.

$$13 - 8 = \square$$

- 3
- 4
- 5
- 6

(5C)

29. Write a story problem that can be solved using the number sentence

$$6 + 2 = \square.$$

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(5C)

30. Write a story problem that can be solved using the number sentence

$$9 - 1 = \square.$$

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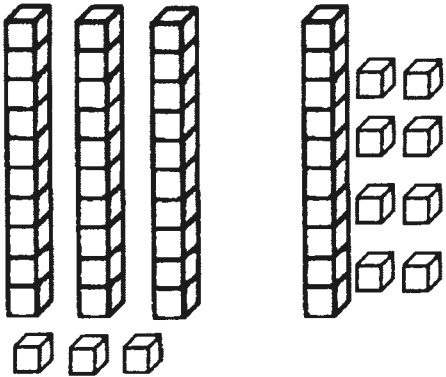
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(7A)

31. Use the pictures shown to find  $33 + 18$ .



- 15
- 48
- 51
- 53

Use counters, if needed, to solve problem 32.

(9A)

32. Matt had 8 pet rocks. His brother had 2 pet rocks. How many **more** pet rocks does Matt have than his brother?

- 4
- 6
- 8
- 10

Use counters, if needed, to solve problem 33.

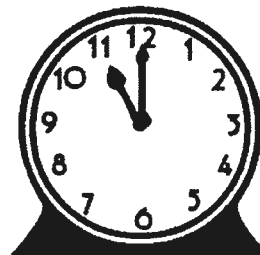
(9A)

33. Sarah saw 5 red cars and 9 blue cars at school. How many cars did Sarah see in all?

- 3
- 4
- 12
- 14

(14A)

34. What time does the clock show?



- 9:30
- 10:00
- 10:30
- 11:00

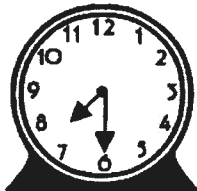
(14A)

35. Which clock shows 2:30?



(14A)

36. Which clock shows the same time as the clock below?

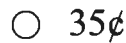


(14B)

37. Nick bought some stamps. He used the coins below to pay for the stamps.



How much did the stamps cost?



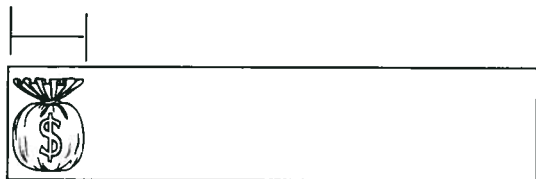
(14B)

38. What is the value of the coins below?



(15A)

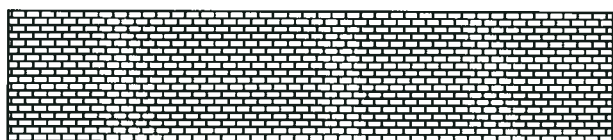
39. ABOUT how many bags will fit inside the box?



- 4
- 7
- 10
- 13

(15A)

40. ABOUT how many soccer balls long is the wall in the picture below?



- Fewer than 3
- Between 3 and 6
- Between 6 and 9
- More than 9

(15A)

41. ABOUT how many cans would be as tall as the chair?

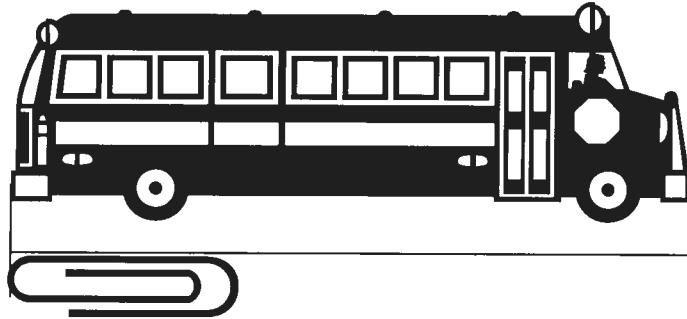


- Fewer than 3
- Between 3 and 7
- Between 7 and 11
- More than 11

(16A)

42. Use paper clips and the line below the school bus to solve this problem.  
If you have paper clips at home, you may use them to solve this problem.

How many paper clips long is the school bus?



Write the number of paper clips you used here. \_\_\_\_\_

(16B)

43. Which unit would be **best** to measure the length of a pen?

- inches
- feet
- yards
- miles

(16B)

45. How tall could a bookcase be?

- 1 inch
- 1 meter
- 1 centimeter
- 1 mile

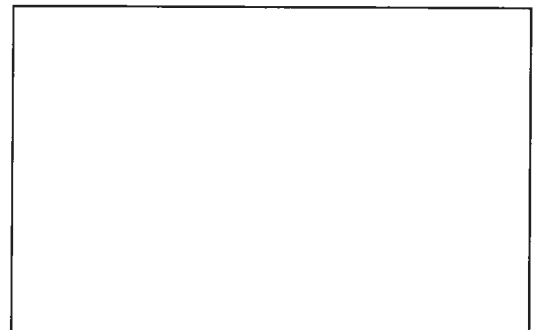
(16B)

44. Which of these would be **about** 3 centimeters long?

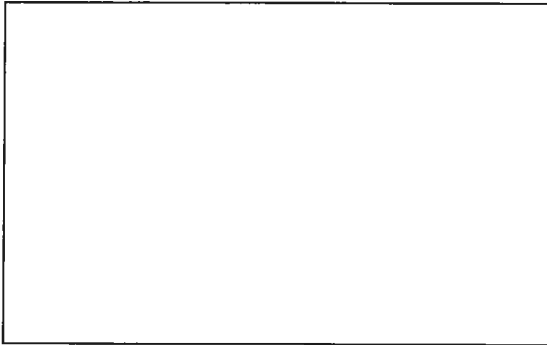
- A broom
- A motorcycle
- A paper clip
- A book

46. Draw a square.

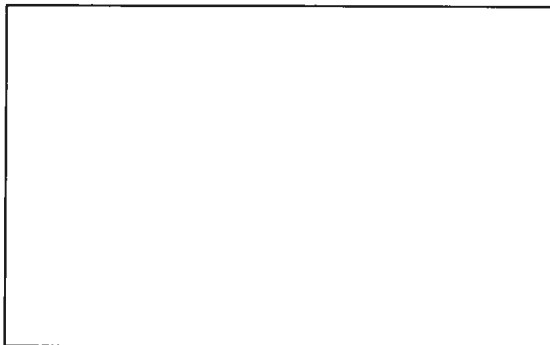
(17A)



47. Draw a triangle. (17A)



48. Draw a circle. (17A)



49. The card below looks like which shape?







- Circle
- Square
- Rectangle
- Triangle

(19A)

50. The second graders in Mrs. Jann's room voted on their pets' favorite flavor of tooth paste. The **pictograph** below shows how they voted.

**FAVORITE PET FLAVORS**

Chicken	
Liver	
Malt	

Each  = 2 votes.

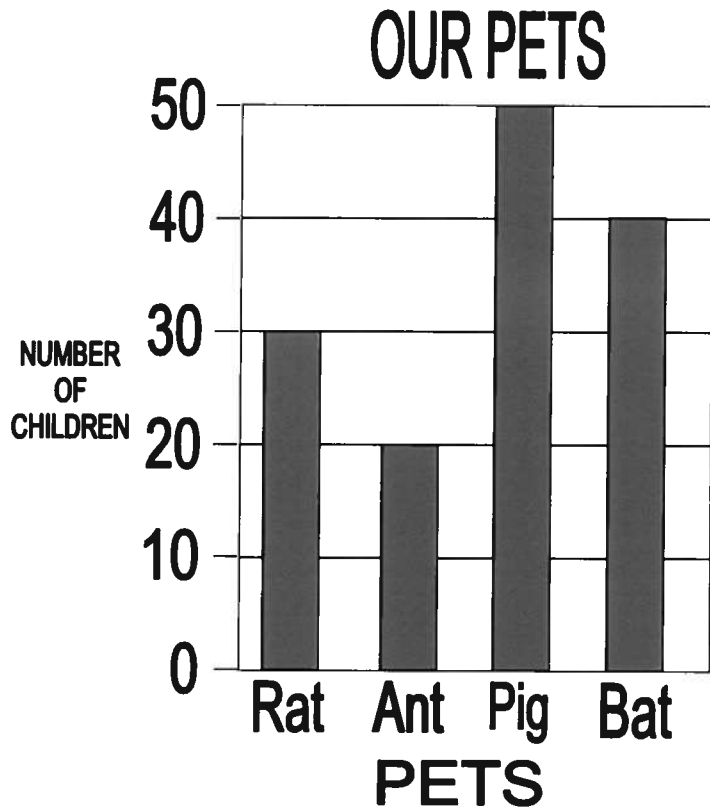
How many votes did malt get?

- 2
- 5
- 8
- 10

(17A)

(19A)

The **bar graph** shows how many pets the children in Washington School have.



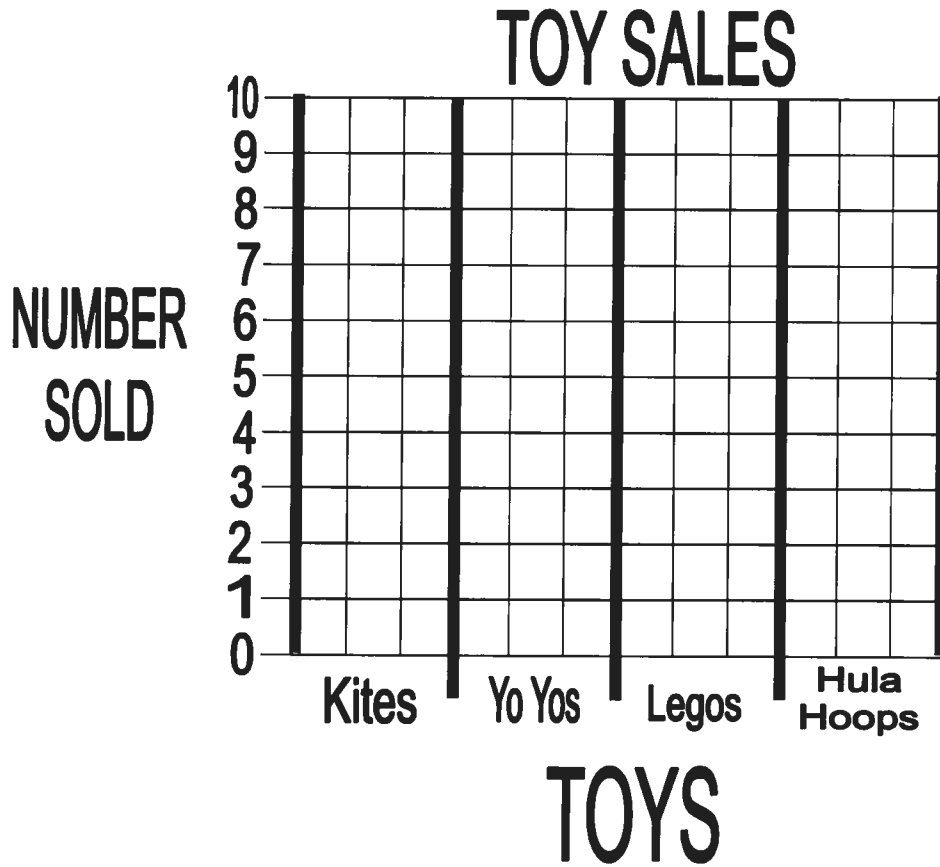
51. Which animal is owned by the **fewest** number of children?

- Rat
- Ant
- Pig
- Bat

52. Complete the **bar graph** using the following information.

(19B)

TOY SALES	
Toys	Number Sold
Kites	3
Yo Yos	7
Legos	4
Hula Hoops	5




53. The third graders voted on their favorite videos.

(19B)

OUR FAVORITE VIDEOS	
Video	Number of Votes
Cinderella	4
Peter Pan	5
101 Dalmatians	7
The Lion King	4

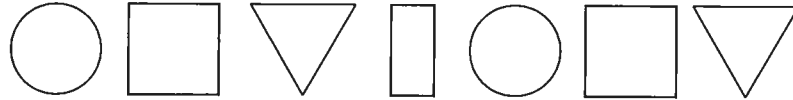
Finish the **pictograph** below to show the same information.

OUR FAVORITE VIDEOS	
Video	Number of Votes
Cinderella	
Peter Pan	
101 Dalmatians	
The Lion King	

Let  = 1 vote

54. Draw the next shape in the pattern.

(22A)







55. Write the number that completes the pattern.

(22A)

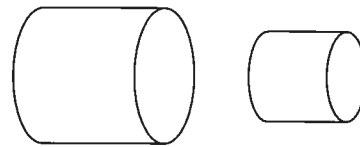
11, 15, 19, 23, 27, \_\_\_\_\_

56. What is the next shape in the pattern? (22A)



- 
- 
- 
- 

58. Paula drew these two objects. How are the objects **different**? (24A)



- color and shape
- shape
- size
- color

57. What is the next number in the pattern? (22A)

6, 9, 12, 15, 18, \_\_\_\_\_

- 19
- 20
- 21
- 22

59. Amanda saw two blouses. How are they the **same**? (24A)

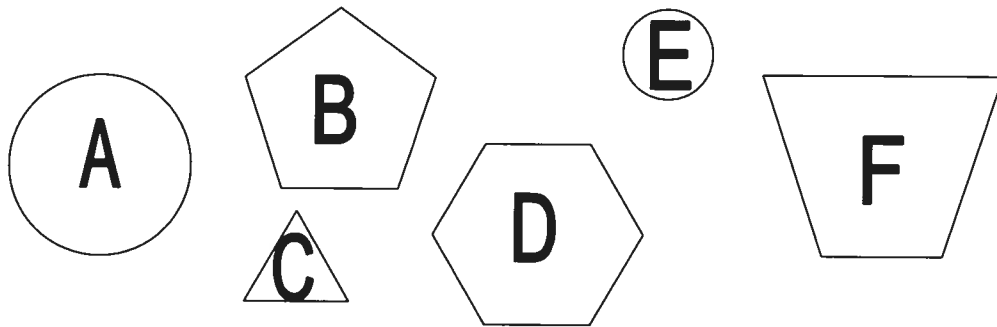


- color
- size
- shape
- color and size

(24B)

60. Sort all 6 of these shapes into two groups so that the shapes in each group have something in common.

- ◆ Show how you grouped the shapes by writing the letters from each shape into the boxes labeled Group 1 and Group 2.
- ◆ Then write a sentence that explains how you decided to group the shapes.



Group 1	Group 2

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(25A)

61. Daniel has **about** \$10. He went out to eat. The menu for the restaurant is below.

Dinners	
Hot Dogs	2.00
Hamburgers	4.00
Side Orders	
French Fries	1.00
Curly Fries	2.00
Onion Rings	2.00
Drinks	
Soda	2.00
Milk	1.00

Daniel wants to order

- 1 dinner,
- 2 side orders, (You may order the same or different side orders), and
- at least 1 drink.

Write what Daniel could order.

Be sure to spend close to \$10.

Show your work.