

The cover features a central white text box surrounded by a colorful border. The border contains illustrations of five children swimming in the water, two beach balls, and stylized waves. The children are depicted in various swimming poses, and the beach balls are red and white striped with a blue top. The background is a mix of green and blue, representing water and sky.

Revised May 17, 2015

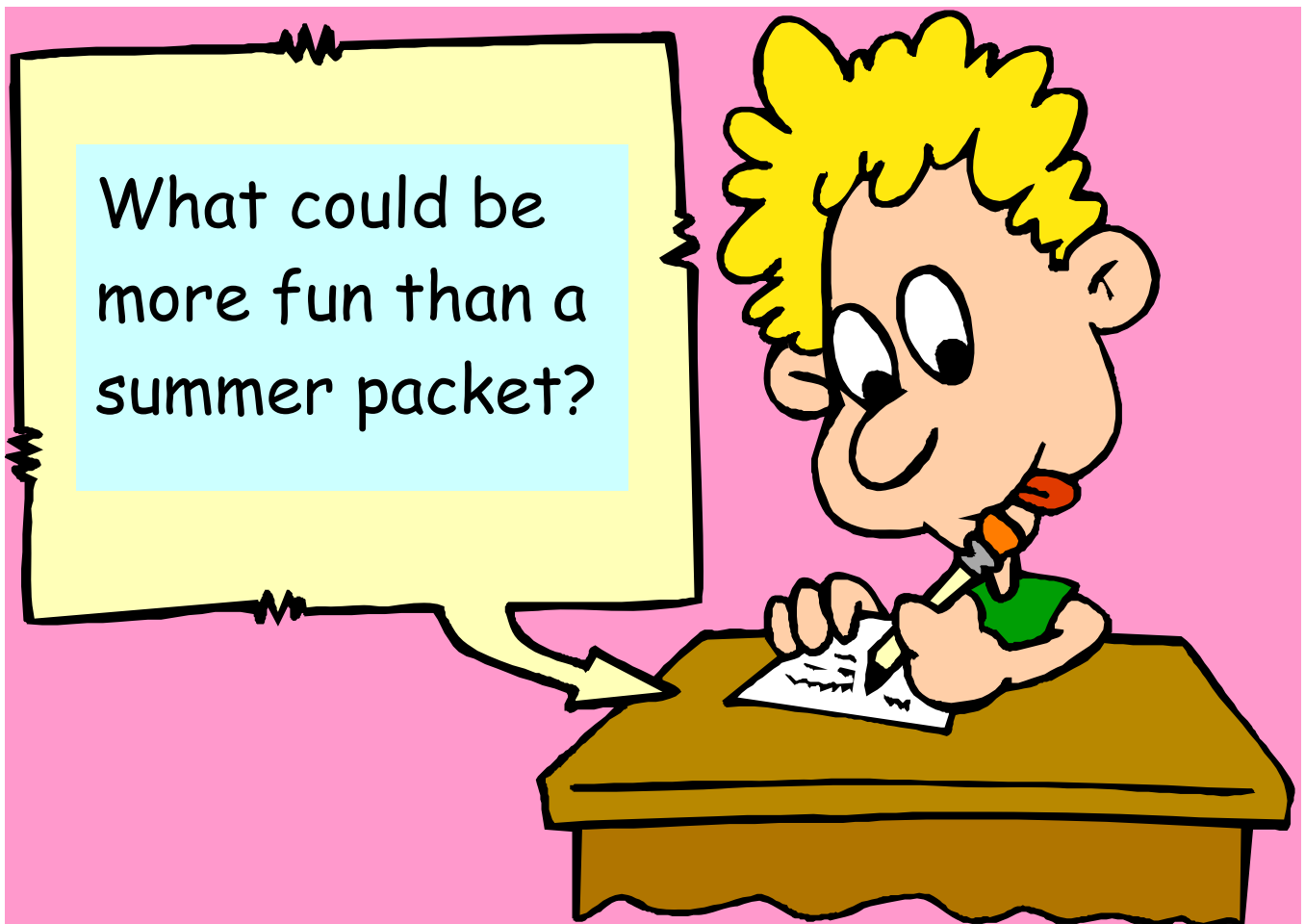
Review of Grade 3 Math
June 2018 3rd Graders
Entering 4th Grade

Summer Booklet

Bridgeport, Connecticut

Please note:

This packet must be returned,
completed, to your fourth
grade teacher on the third
day of school,
September 4, 2018.



1. Sixty-four people bought new cars in June. Ten **fewer** people bought new cars in August. How many people bought new cars in August? Show your work.

_____ People

5. Which means the same as 4 tens and 17 ones?

Total number is _____

2. Martha spent \$47.00 at the Mall. Tanika spent \$1.00 **less** than Martha. How much money did Tanika spend? Show your work.

Tanika spent \$_____

6. Which means the same as 84?

- 8 tens and 14 ones
- 7 tens and 14 ones
- 80 tens and 14 ones
- 84 tens

3. Which means the same as $400 + 60 + 8$? Show your work.

Total is _____

7. In which number does the 2 have the greatest value?

- 268
- 682
- 826
- 628

4. Which means the same as 297?

- $20 + 90 + 7$
- $200 + 900 + 7$
- $200 + 90 + 7$
- $200 + 90 + 70$

8. What is the value of 7 in the number 764?

- 7000
- 70
- 700
- 7

9. The value of 347 would change by how much if the 3 were replaced by a 1?

Show your work/

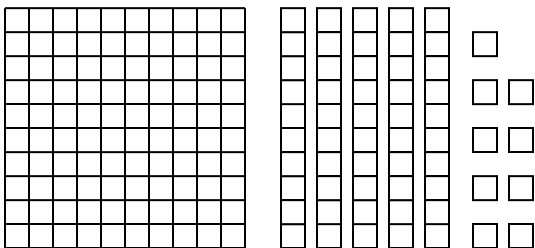
New number is _____

10. The value of 528 would change by how much if 6 replaced 2?

Show your work/

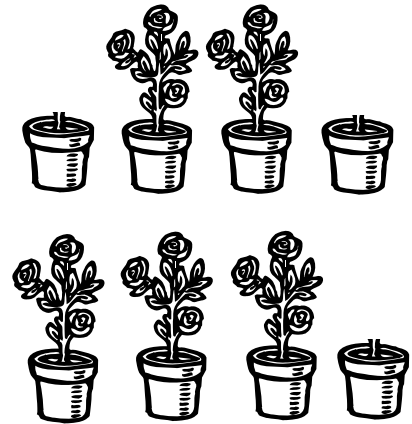
New number is _____

11. What number is shown by the blocks in this picture?



The blocks represent the number _____

12. What fraction of the pots has flowers?



The fraction is _____

13. Which figure shows $\frac{2}{3}$ shaded?

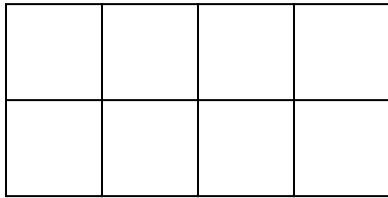
-
-
-
-

14. Jennifer had 82 baseball cards, her brother Tommy had 73 cards. How many cards did they own together?

Show your work.

They had _____ cards.

15. Shade in $\frac{3}{8}$ of this shape.



16. TOYS 4 US is having a sale. Which list below shows the sale prices from **greatest to least**?



- 57, 64, 61, 62
- 64, 62, 57, 61
- 64, 62, 61, 57
- 57, 64, 61, 62

Use the table to answer question 17.

NAME	AMOUNT EARNED
Tom	\$ 6.50
Elaine	\$ 8.25
Jerry	\$ 9.75
Mari	\$ 7.50
Helene	\$ 5.75

17. Which 2 students both earned **more than** \$7.00 but **less than** \$9.00?

Both _____ and _____.

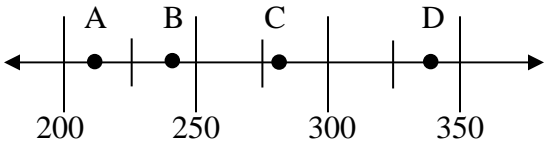
18. Sue owns 29 videos. This number is **closest** to

- 15
- 20
- 30
- 40

19. There were 62 new students in school last month. This amount is a little

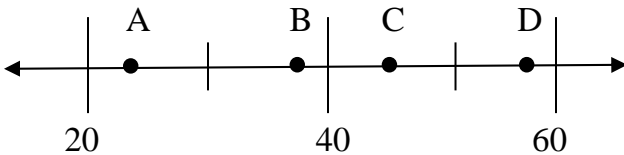
- less than 50.
- more than 50.
- less than 60.
- more than 60.

20. The number 277 would be CLOSEST to which letter on the number line?



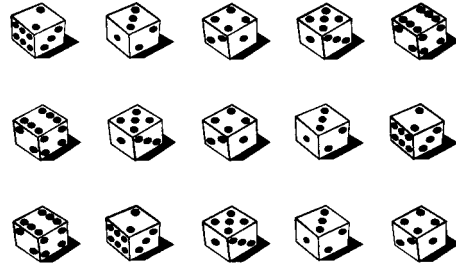
Letter _____ is closest.

21. Which number does point B stand for on the number line?



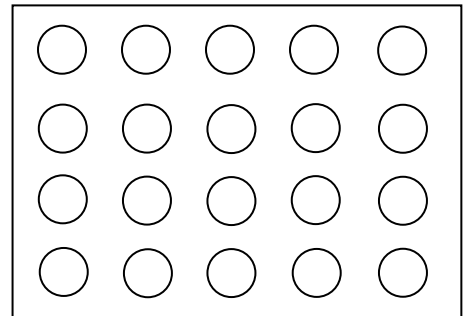
- 38
- 58
- 22
- 42

22. Thom shared 15 dice equally among 3 friends. Which fact could be used to find the number of dice each friend should receive?



- $3 + 5$
- $15 + 3$
- $15 \div 3$
- 15×3

23. Which number sentence goes with this picture?



- $20 - 5$
- $4 + 5$
- $20 + 4$
- 4×5

24. Write a story problem that can be solved using the number sentence $26 + 18 = \square$.

25. Write a story problem that can be solved using the number sentence $7 - 3 = \square$.

26. There were 17 girls playing jump rope. 14 of the girls stopped playing. To find out how many girls are still playing, you would

- multiply 17 by 14.
- add 14 to 17.
- subtract 14 from 17.
- divide 17 by 14.

27. Sue painted 6 trees in her picture. Then she painted 2 more trees. Which number sentence should be used to find the total number of trees Sue painted?
Show your work in a number sentence.

28. $15 - 9 =$ _____

29. $8 + 7 =$ _____

30. $3 \times 10 =$ _____

31. $18 \div 2 =$ _____

32.

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

33. $5 \div 30 =$ _____

34. $35 + 23 =$ _____

35.
$$\begin{array}{r} 47 \\ - 25 \\ \hline \end{array}$$

39. Lisa cleaned out her desk and found 12 pencils, 5 pens, 2 rulers, and 3 dimes. How many pens and pencils did she find? Show and label your work.

Answer _____

35.
$$\begin{array}{r} 62 \\ + 29 \\ \hline \end{array}$$

40. Fran baked **12 sugar cookies**, 24 muffins and **35 chocolate chip cookies**. How many more chocolate chip cookies did Fran bake than sugar cookies? Show and label your work.

Answer _____

36. $65 + 8 =$

37. Sara made a necklace out of beads. She used 58 yellow beads and 33 red beads. How many beads are in the necklace? Show your work.

41. Marc needs to subtract 236 from 895. Which of the following would be BEST for Marc to use to **estimate** the difference?

- 800 – 200
- 900 – 300
- 800 – 300
- 900 – 200

_____ Beads

38. The baker sold 21 orange cupcakes and 65 banana cupcakes. How many more banana cupcakes were sold? Show your work.

42. Bill bought a bike for \$58.29 and a pair of gloves for \$21.98. Which of the following would be **best** for Bill to use to **estimate** the total?

- \$50 + \$20
- \$50 + \$30
- \$60 + \$20
- \$60 + 3

Banana cupcakes sold _____

43. Jackie found 48 shells at the beach. Leslie found 33 shells. **About** how many shells did the girls find?

Total _____ Shells

44. Miffy bought 27 red apples and 49 yellow apples. **About** how many apples did she buy in all?

_____ Apples

45. Darnell read between 4 and 10 pages a day for 3 days in his Harry Potter book. **About** how many pages could he have read in 3 days?

_____ Pages

Use the calendar below to answer questions 46 and 47.

August

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

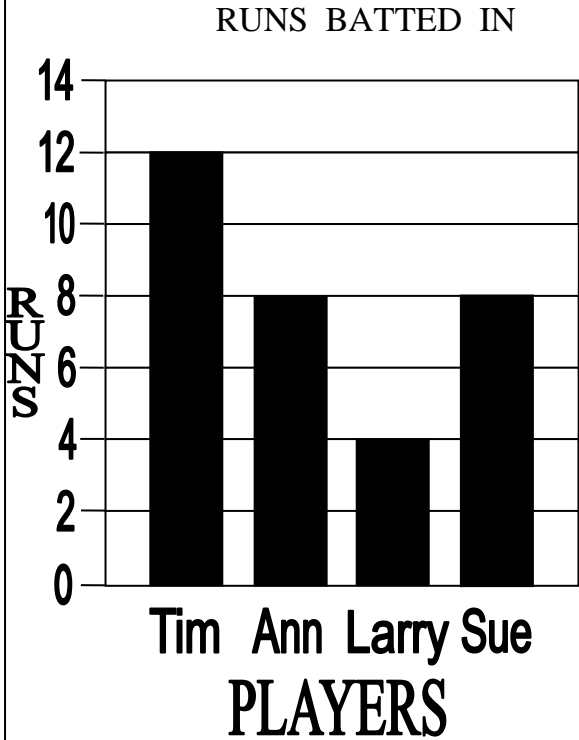
46. Jeannie is planning to go to the beach on August eighth. What day is that?

- Thursday
- Tuesday
- Saturday
- Sunday

47. On the calendar above, which date is the third Thursday of the month?

- August 3
- August 15
- August 17
- August 31

48. The graph below shows how many runs five baseball players on the Jets' team batted in. Use the graph to answer questions 48 and 49.



48. Who batted in the **fewest** runs?

- Tim
- Ann
- Larry
- Sue

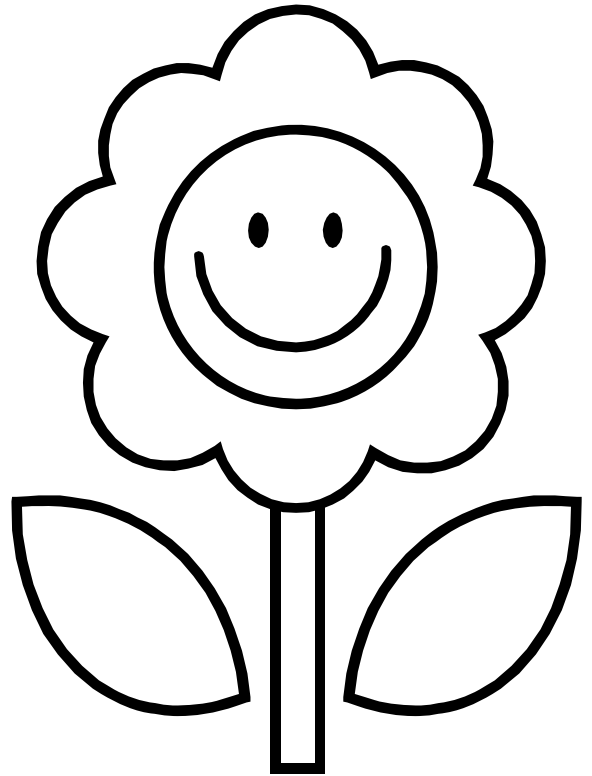
49. How many runs did Tim and Ann bat in **altogether**?

_____ Runs

50. Which is a reasonable height for a flagpole?

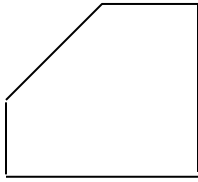
- _____ 6 meters
- _____ 6 centimeters
- _____ 6 kilometers
- _____ 6 liters

51. Use a ruler to measure the height of the flower (from the top to the bottom) to the nearest inch



The flower measures _____ inches

52. How many angles does this shape have?

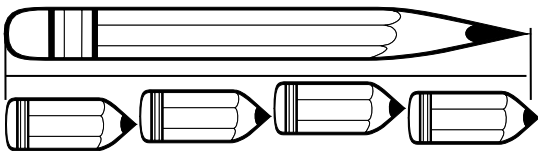


Answer _____ Angles

53. Josie practiced the piano for one hour. If she started at quarter past three, at what time did she finish?

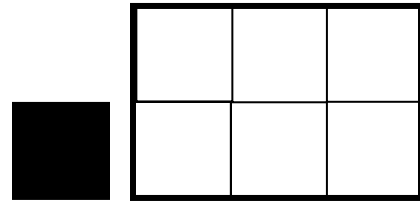
She finished at _____

54. Lucy measured two pencils. She found that the longer pencil had a length of 12 centimeters. **About** how long is the shorter pencil?



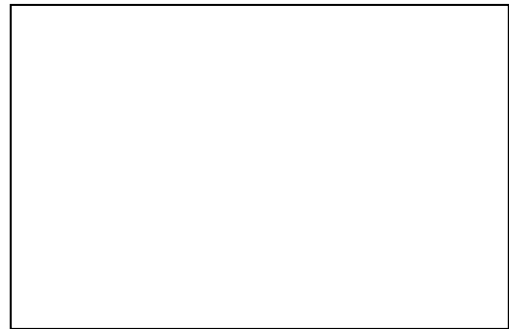
Answer _____ centimeters

55. **About** how many shaded shapes does it take to cover the entire area?

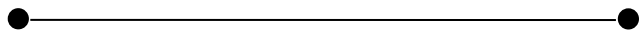


Answer _____ shapes

56. Draw a three-sided polygon inside the box below.



57. Use the ruler at the bottom of page 14 to measure the line segment below to the nearest centimeter. Do not measure the end points.



The fourth graders at Johnson School held bake sales all year to raise money for new computers. The pictograph shows how much money each class raised.

Money from Bake Sales	
Mrs. Dea	~~~~~
Mr. West	~~
Mr. Jones	~~~~
Miss Bliss	~~~~~

Each ~ represents 10 dollars.

58. Which class raised **more than** \$35 but **less than** \$50?

Answer _____'s Class.

The table shows the number of snacks sold at the school basketball game.

	Before Game	During Game
Hot Dogs	33	47
Burgers	28	55
Soda	54	57
Chips	52	41

60. Which snack was the **most** popular?

Answer _____ was the most popular.

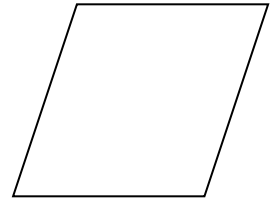
61. Which shape belongs in the blank space?

○ ▽
○ ●
○ ■ ***
○ ▲

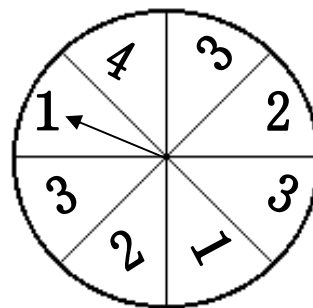
●	■	▲
■	▲	●
▲	●	

62. What is the name of this shape?

- square
- triangle
- rectangle
- parallelogram



63. Katie spun the spinner once. The arrow landed on 1. If Katie spins the spinner one more time, on which number is the arrow **least** likely to land?

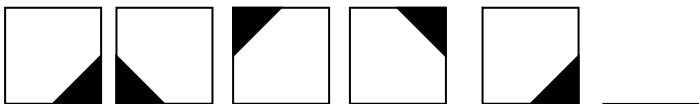


Answer: On _____.

64. Mickey has a collection of marbles. He keeps 25 blue, 75 green, 15 yellow, and 50 red marbles in a bag. If Mickey reaches into the bag without looking and takes out one marble, what color is he **most** likely to get?

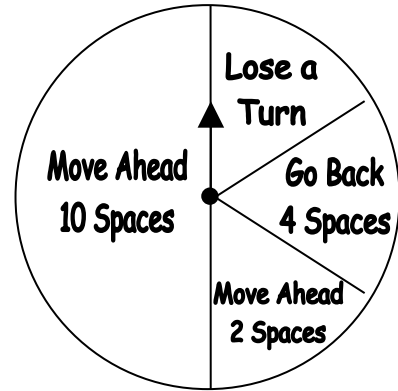
Answer: A _____ marble.

65. What shape is next in the pattern below?



-
-
-
-

66. Tom was playing a game with the spinner below. If he spins one more time, on which part of the spinner is he **most** likely to land?

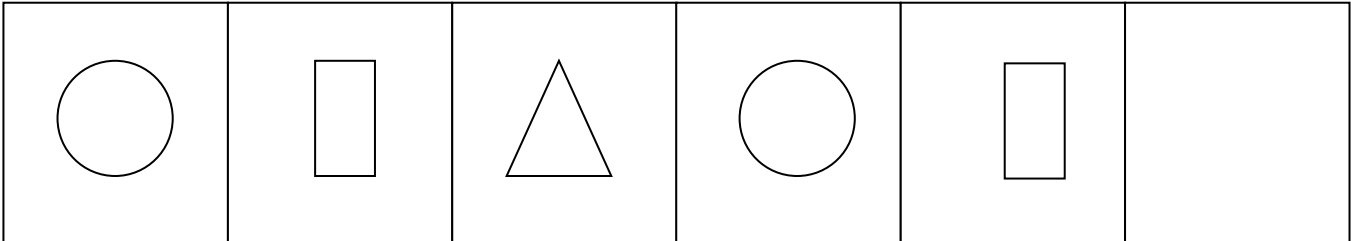


He is most likely to land on _____.

67. What two numbers are missing in the following pattern?

5, 13, 21, _____, _____, 45, 53

68. What is the next shape in the following pattern? **Draw** the shape. Then **write** a sentence that explains why you drew the shape. (*HINT: Do not just say that you followed the pattern.*)

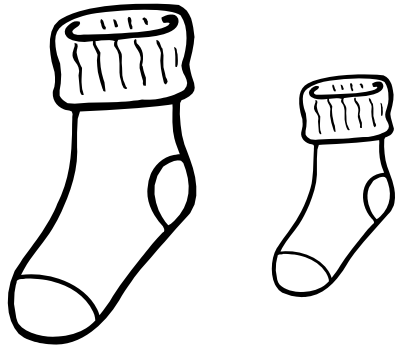


Missing Shape: _____

69. What number is missing in the pattern below? Write the number on the blank space. Then write a sentence explaining why you chose that number.

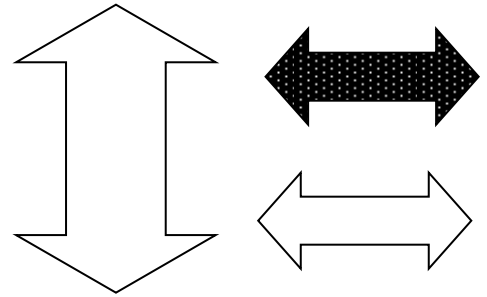
41, 36, 31, 26, 21, _____

70. Mr. Jones found these two socks in the dryer. How are the socks **different**?



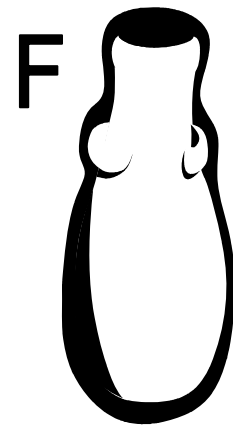
They are _____.

71. Mr. Gaudet drew three arrows. How are the three arrows the **same**?



They are _____.


72. Sort all 6 of these figures into 2 groups so that the figures in each group have something in common. Show how you grouped the figures by writing the letter from each figure into the boxes marked Group 1 and Group 2. Then write a sentence that explains how you decided to group the figures.

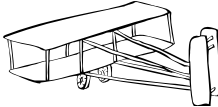


GROUP 1	GROUP 2

73. Mrs. Van Buren is going to buy paperback books. These are the 3 types of books she will buy:

<p>My Favorite Pets</p> 
<p>Animal Books \$2.00</p>

<p>Tornadoes I Have Known</p> 
<p>Science Books \$3.00</p>

<p>Model Airplanes</p> 
<p>Hobby Books \$4.00</p>

- Mrs. Van Buren wants to give at least 6 books to the school library.
- She will include at least one of each type of book.
- She will spend no more than \$30.00.

Use the space below to show

- one set of books Mrs. Van Buren could give to the library,
- how many of each type of book,
- the total cost and
- how you got your answer.

POSSIBLE SOLUTIONS:

74. Rob has a set of red, blue, and green toy cars. He has

- 12 red cars,
- 8 blue cars, and
- 6 green cars.

He places all his toy cars on 4 shelves. Each shelf has

- **more** than 4 cars,
- at least 2 colors, and
- an **even** number of cars.

Fill in the chart to show one way Rob could organize his cars.

SHELVES	RED CARS	BLUE CARS	GREEN CARS	TOTAL # OF CARS
SHELF 1				
SHELF 2				
SHELF 3				
SHELF 4				
TOTALS				

75. Write a story problem that can be solved using the number sentence $7 - 3 = \square$.

POSSIBLE STORY:
