Summer Math Packet
For Students Entering Grade 4

ANSWER KEY

A   B   C   D

20   30   40   50   60

2,140

$60 + 3$
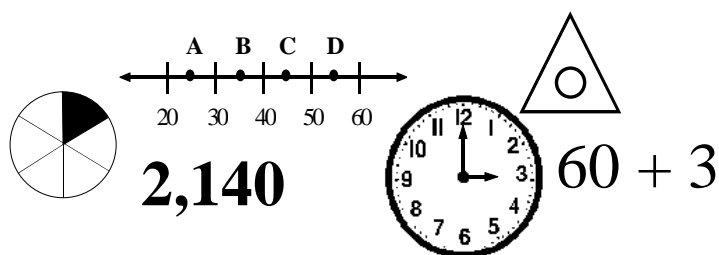
Student's Name _____

Grade 4 Class _____

June 2013

Answer Sheet

Name_____

1. _____C_____

2. _____B_____

3. _____D_____

4. _____B_____

5. _____C_____

6. _____C_____

7. _____B_____

8. _____B_____

9. _____D_____

10. _____A_____

11. _____D_____
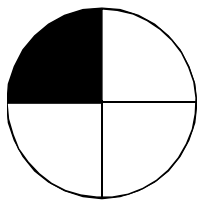
12. _____

13. _____C_____

14. _____C_____

15. _____B_____

16. _____A_____

17. _____C_____

18. _____C_____

19. _____B_____

325

20. _____

21. _____C_____

22. _____D_____

23. _____C_____

24. _____D_____

25. answers may vary

26. answers may vary

27. _____A_____

28. _____D_____

29. _____D_____

30. _____C_____

31. _____B_____

32. _____C_____

33. _____D_____

34. _____B_____

35. _____C_____

36. _____B_____

37. _____D_____

38. _____B_____

39. _____B_____

40. _____C_____

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41. _____C_____

42. _____D_____

43. _____D_____

44. _____C_____

45. _____D_____

46. _____A_____

47. _____B_____

48. _____B_____

49. _____B_____

50. _____C_____

51. _____A_____

52. _____B_____

53. _____C_____

54. _____A_____

55. qnswers may vary

56. answers may vary

57. _____B_____

58. _____C_____

59.

Bar graph — x-axis: Activity (summer camp, beach, pool, summer school); y-axis: 0 to 20

60.

Grid — rows: Jan, Ginny, June, Nan, Carole
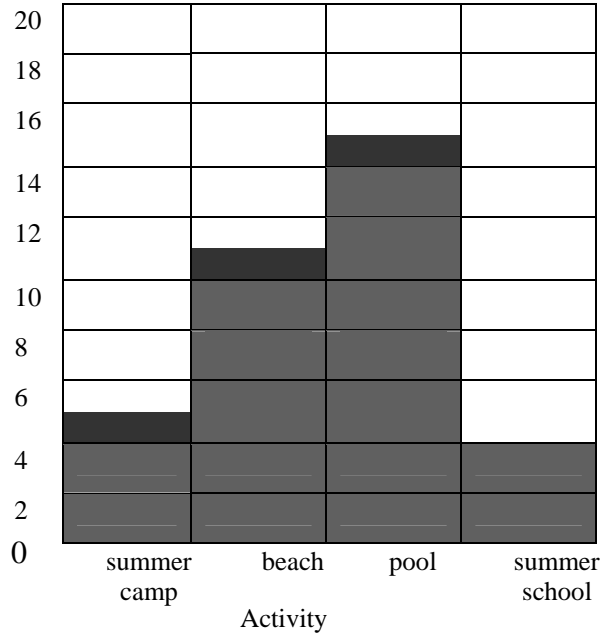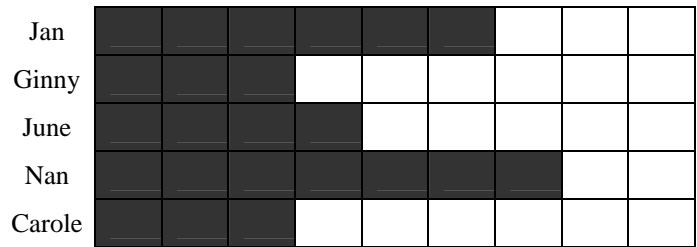
61. _____ (empty box)
explanation: answers may vary

62. _____53_____
explanation: answers may vary

63. _____A_____

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64. _____C_____

65. _____C_____

66. _____A_____

67. Answers will vary.

   All animals must be sorted. Possible sorts may include:
   - Has/ Does Not Have (i.e. Group A has wings, Group B does not have wings)
   - Four legs/ Two legs
   - Fur/ No fur

   There are many ways to sort this collection

68. Answers will vary

   All letters must be sorted.
   Possible sorts may include:
   - Curves/ Straight lines
   - Vowels/ Consonants
   - Letters in my name/ Letters not in my name

69. Answers will vary.

70. Answers will vary.

- Samantha needs to sort ALL 20
- Each bag must contain the same total number of items.
- Each bag must contain at least three different types of items.
- No two bags can be filled exactly like another bag.

71.

Jenny's Muffins	
Type of pack	Number of packs sold
2 – packs	10
4 – packs	10

-

Strategies for solving will vary.

72. If the tops are assigned capitol letters (A, B, C, and D) and the pants or shorts are assigned numbers (1, 2, and 3), the outfits may be enumerated as Al, A2, A3, B1, B2, B3, C1, C2, C3, and D1, D2, D3. The total number of outfits is 4 x 3, or 12.

Many students will make a diagram to illustrate the situation, such as the following:

Tops

Pants

Alternatively, a student <u>might</u> determine that for each top, there are 3 possible outfits. Since there are four different tops, the total number of possible outfits is 4 x 3, or 12