Summer Math Packet
For Students Entering Grade 4

ANSWER KEY

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_________
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_________
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. answers may vary
56. answers may vary
57. ______ B ________
58. ______ C ________
59. 

60. 

61. explanation: answers may vary
62. 53 explanation: answers may vary
63. ______ A ________
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.

<table>
<thead>
<tr>
<th>Jenny's Muffins</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of pack</strong></td>
</tr>
<tr>
<td>2 – packs</td>
</tr>
<tr>
<td>4 – packs</td>
</tr>
</tbody>
</table>

Strategies for solving will vary.

72. If the tops are assigned capital letters (A, B, C, and D) and the pants or shorts are assigned numbers (1, 2, and 3), the outfits may be enumerated as A1, 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:

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Tops  A  B  C  D
Pants
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Alternatively, a student might 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