

**Cobb – Montford Mini-Mu 2012**

**Saturday, February 11, 2012**

**Part 2**

**50 minutes**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**School \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade \_\_\_\_\_**

**You may write on the test, but make sure that you have bubbled your answers on the answer sheet provided.**

**Cobb / Montford Mini Mu Competition Part 2 February 11, 2012**

**NOTA means “None of These Answers”.**

1. The four yellow angry birds were being weighed for the competition. The weights of the four birds were 3.6 pounds, 4.3 pounds, 3.1 pounds, and 4.1 pounds. What was the median of the weights of the four yellow angry birds?
2. 3.85
3. 3.7
4. 3.775
5. 1.2
6. NOTA
7. If the green pig has a face 11 centimeters wide with his nose at the center, how many millimeters is it from the nose to the ear on the side?
8. 110
9. 5.5
10. 55
11. 1.1
12. NOTA
13. According to the group of green pigs, of them are big pigs and of them are wearing a hard hat. Write the fraction of all of the big pigs that are wearing a hard hat?
14. NOTA
15. One angry bird traveled 3.25 yards through the air each day. How many feet did the angry bird travel after 1 week?
16. 68.25
17. 22.75
18. 7.58
19. 273
20. NOTA
21. The little green pigs in one dwelling weighed 895.15 kg. The big green pigs in the second dwelling weighed 1314.8 kg. How much more did the big green pigs weigh than the little green pigs?
22. 2209.95
23. 763.98
24. 1026.65
25. 419.65
26. NOTA
27. The green pigs needed to build four towers. Each tower needed 18 pieces of lumber. How much would it cost to build all of the four towers if each piece of lumber is $4.60?
28. $90.40
29. $331.20
30. $72.00
31. $82.80
32. NOTA
33. The angry birds are living in a rectangular pen that was 28 feet wide and 32 feet long. They wanted to put a fence around it to keep the pigs out. How many feet of fencing do they need to buy to put around the whole pen? (Hint: They do not need a gate because they can fly over the fence to get out.)
34. 934
35. 122
36. 60
37. 94
38. NOTA
39. The green pigs met together for 5.25 hours to build their new building. How many minutes did they work on their new building?
40. 315
41. 52.5
42. 525
43. 0.0875
44. NOTA
45. There were 40 birds in the group. Twenty-six of the birds were red. What percent of the birds are red?
46. 10.4%
47. 14%
48. 26%
49. 65%
50. NOTA
51. Fifteen yellow angry birds ate 12 kilograms of birdseed. What fractional part of the birdseed did each yellow bird get to eat if it was shared equally?
52. 1
53. NOTA
54. The yellow bird was shot 54 feet in the air. How many inches did he fly?
55. 648
56. 18
57. 4
58. 162
59. NOTA
60. In the bird pen, there were 14 blue angry birds and 18 yellow angry birds. Write the fraction of the angry birds in the pen that are yellow.
61. NOTA
62. The blue angry bird bought 5 pounds of seed for $8.00. What is the price per ounce?
63. $1.60
64. $1.28
65. $2.56
66. $0.10
67. NOTA
68. Sixty-four green pigs were in the house. Out of those, forty of them were wearing hard hats. What percent of the pigs were NOT wearing hard hats?
69. 375%
70. 63.5%
71. 625%
72. 37.5%
73. NOTA
74. The angry birds were buying birdseed. The birdseed was $83.72 and the sales tax was 7.5%. What was the approximate total cost of buying the birdseed?
75. $90.00
76. $84.47
77. $91.22
78. $89.99
79. NOTA
80. The angry birds built their pen in a triangle. If one angle is 95° and the second angle is 42°, how much is the third angle?
81. 43°
82. 223°
83. 53°
84. 137°
85. NOTA
86. In the bird pen, there were 24 yellow angry birds, 16 red angry birds and 10 blue angry birds. What percent of the birds were red?
87. 50%
88. 48%
89. 20%
90. 32%
91. NOTA
92. If seven green pigs weighed 458.56 pounds, what was the approximate weight of each green pig to the nearest hundredth?
93. 65.508
94. 65.50
95. 65.509
96. 65.51
97. NOTA
98. The pigs were building their new pen in the shape of a right triangle. One angle is 37°. What is the other non-right angle?
99. 143°
100. 53°
101. 127°
102. 90°
103. NOTA
104. The green pig had walked 15 feet in 12 minutes. How many inches did he walk in 1 hour?
105. 36
106. 75
107. 900
108. 3
109. NOTA
110. The angry birds left at 10:00 AM flying to the beach. It took them 35 minutes to fly to the beach and 40 minutes to fly home. They returned home at 3:15 PM. How many hours were the birds at the beach?
111. 6
112. 3
113. 5
114. 4
115. NOTA
116. Thirty-six blue angry birds ate a total of

16 pounds of birdseed. The birdseed cost $2.20 per pound. How much did it cost to feed each bird?

1. $1.63
2. $0.73
3. $0.99
4. $0.16
5. NOTA
6. There were 5 red birds (r), 6 yellow birds (y), and 4 blue birds (b). Use these numbers to solve the following problem.

4 ( 2r + 3y)

 2b

1. 56
2. 9.3
3. 8
4. 14
5. NOTA
6. The green pigs left home at 9:00 AM to go to the pond to roll in the mud. It took them 45 minutes to travel down to the pond and 50 minutes to travel back from the pond. If they returned back home at 12:00 Noon, how many minutes were they rolling in the mud at the pond?
7. 85
8. 145
9. 95
10. 205
11. NOTA
12. The pigs just lost another house! They have to start building a new one and they only have $86.00 to buy lumber and rocks. If each piece of lumber costs $5.50 and each rock costs $6.00, which of these choices would exactly total their money?
13. 4 pieces of lumber and 10 rocks
14. 6 pieces of lumber and 9 rocks
15. 10 pieces of lumber and 5 rocks
16. 8 pieces of lumber and 7 rocks
17. NOTA