

**Cobb – Montford Mini-Mu 2012**

**Saturday, February 11, 2012**

**Part 1**

**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 1 February 11, 2012**

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

1. If 8 green pigs weighed a total of 1456 pounds, what was the mean of their weights?
2. 178
3. 11,648
4. 208
5. 182
6. NOTA
7. If the green pig has a face 28 millimeters wide, how many centimeters wide is the face?
8. 380
9. 2.8
10. 0.28
11. 2800
12. NOTA
13. If there were three red angry birds, five yellow angry birds and four blue angry birds, what is the fractional chance of choosing a red angry bird in simplest form?
14.
15. NOTA
16. The red angry bird traveled 7.284 feet and the blue angry bird traveled 7.57 feet. How much farther did the blue angry bird travel than the red angry bird?
17. 0.314 feet
18. 0.714 feet
19. 0.286 feet
20. 0.294 feet
21. NOTA
22. The green pigs needed 16 pieces of lumber and 6 pieces of glass for their dwelling. If they paid $5.50 for each piece of lumber and $8.75 for each piece of glass, how much change did they get back from $200.00?
23. $88.00
24. $140.50
25. $52.50
26. $59.50
27. NOTA
28. The ratio of big pigs to little pigs was 2:5. How many of the pigs were little pigs if there were 42 pigs in the whole group?
29. 12
30. 16.8
31. 30
32. 18
33. NOTA
34. The angry birds were living in a triangular pen that had a base of 18.4 meters and was 26.3 meters high. What was the area of the angry birds’ pen?
35. 241.96 square meters
36. 89.4 square meters
37. 236.72 square meters
38. 483.92 square meters
39. NOTA
40. The red angry birds met together for 160 minutes and the blue angry birds met together for 110 minutes planning how to attack the green pigs. How many total hours did they meet together?
41. 27.0
42. 3.5
43. 4.5
44. 2.70
45. NOTA
46. The blue angry birds ate 8 pounds of birdseed. The red angry birds ate 6 pounds of birdseed. How much more did the blue angry birds eat than the red angry birds?
47. **14** pounds
48. **48**  pounds
49. **2**  pounds
50. **2**  pounds
51. NOTA
52. The red angry bird was shot 42 feet in the air. How many yards did he fly?
53. 3.5 yards
54. 504 yards
55. 126 yards
56. 14 yards
57. NOTA
58. The big green pigs needed to build another house since the angry birds had destroyed the last one. The green pigs have $84.00 to spend on lumber. Each piece of lumber cost $6.50. How many whole pieces of lumber can the pigs buy?
59. 12
60. 13
61. 78
62. 12.9
63. NOTA
64. There were 15 green pigs in the house. Three-fifths of the pigs wore a hard hat. How many did NOT wear a hard hat?
65. 9
66. 6
67. 25
68. 10
69. NOTA
70. The angry birds had to buy birdseed for the pen. The birdseed cost $40.00 and there was a 7% sales tax. The 24 angry birds shared the cost equally. Approximately how much did each bird have to spend for the birdseed?
71. $1.66
72. $1.78
73. $1.70
74. $1.67
75. NOTA
76. There were 60 angry birds in the group. Thirty-six of the birds were blue. What percent of the group of birds were NOT blue?
77. 60%
78. 40%
79. 36%
80. 24%
81. NOTA
82. The green pigs just lost another house! They have to start building a new one and they only have $65.00 to buy lumber and rocks. If each piece of lumber costs $4.50 and each rock costs $5.00, which of these choices would they be able to buy with their money?
83. 6 pieces of lumber and 8 rocks
84. 10 pieces of lumber and 4 rocks
85. 8 pieces of lumber and 6 rocks
86. 4 pieces of lumber and 10 rocks
87. NOTA
88. The green pigs built a rectangular pen with a perimeter of 30 meters. The length is 4 times longer than the width. What is the area of the pen?
89. 24 square meters
90. 36 square meters
91. 120 square meters
92. 26 square meters
93. NOTA
94. The red angry bird can fly 8 kilometers in 20 minutes. How many meters can he fly in 4 hours and 15 minutes?
95. 102000 meters
96. 1020 meters
97. 0.102 meters
98. 102 meters
99. NOTA
100. The green pig pushed 6 kilograms of mud into a bucket to fill it up. How many kilograms of mud will it take to fill up 8 buckets?
101. 49 Kilograms
102. 49 Kilograms
103. 48 Kilograms
104. Kilograms
105. NOTA
106. The green pigs had $250 to spend on their new house. They spent 38% on lumber and 42% on rocks. How much did they have left to spend on glass?
107. $95.00
108. $50.00
109. $200.00
110. $20.00
111. NOTA
112. There were 850 angry birds at the meeting. Three hundred forty of them are red. What part were NOT red angry birds? Write in decimal form.
113. 0.4
114. 40
115. 0.6
116. 60
117. NOTA
118. The green pigs had a rope 24 yards long. They need to cut the rope into strips 5 feet long. What is the maximum number of 5-foot strips they can cut?
119. 4.8
120. 15
121. 4
122. 14
123. NOTA
124. The birds built an octagon shaped pen with all congruent sides and angles. How many degrees are in each angle?
125. 8°
126. 22.5°
127. 135°
128. 1080°
129. NOTA
130. Eighty angry birds entered the building together. 45% of them were red and 1/5 of them were blue. The rest of the birds were yellow. Write the decimal form for the part of the birds that were yellow.
131. 0.65
132. 0.35
133. 0.50
134. 0.45
135. NOTA
136. The angry birds were looking for a good deal on vitamins to help them fly farther and faster. At the Cobb Store, the vitamins were $14.95 for 4 bottles and at the Montford Store, the vitamins were $26.85 for 7 bottles. Which store has a lower cost per bottle and what is the approximate cost of each bottle of vitamins?
137. Montford Store - $3.84
138. Cobb Store - $3.74
139. Montford Store - $3.74
140. Cobb Store - $3.84
141. NOTA

25. The green pigs built a rectangular pen that was 16 feet long and 24 feet wide. What is the quotient of the area and the perimeter?

1. 4
2. 464
3. NOTA