**Cobb – Montford Mini-Mu Competition**

**Cobb Middle School**

**February 21, 2015**



 **Part 1**

**Print Your Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Print School Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Print Teacher Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Circle Your Grade 4 5**

***\*\*\*\*\*IMPORTANT INFORMATION\*\*\*\*\*\****

**Make sure you circle your answers on this test to check your answers AFTER the test.**

**Your answer sheet will be turned in to the teacher, and you will not be able to look at it when you are given the answers. This will help you to calculate your score on this test.**

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***NOTA = None of These Answers***

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1. Carly started playing Minecraft at 10:30am. She finished her game at 7:45 pm, after taking a 2-hour walk, a 40-minute lunch break and spending 45 minutes having dinner with her family. How many **minutes** did Carly spend on Mine Craft that day?

A. 145 B. 285 C. 350 D. 555 E. NOTA

1. Devondra spent $30 to download Minecraft on her computer. If she played it 65 minutes on Monday, 45 minutes on Tuesday, 35 minutes on Wednesday, 64 minutes on Thursday, and 44 on Friday. How much did she pay per minute rounded to the nearest cent?

A. $ 0.12 B. $ 0.83 C. $ 12 D. $ 8.33 E. NOTA

1. Dallas was trying to calculate the number of tree blocks he needed. He knew that one tree block created 4 planks on the crafting table. If Dallas needed 250 planks, how many whole tree blocks would he need to chop down?

A. 61 B. 62 C. 63 D. 64 E. NOTA

1. Justin traveled to the island in a boat with the sheep. He knew that the distance was 23.6 km. He left that morning at 9:25 AM and arrived at the island at 12:33 PM. Calculate to the nearest hundredth the number of kilometers Justin had traveled per minute?

A. 0.12 B. 0.13 C.7.96 D. 7.97 E. NOTA

1. Cassie knew that it took 7 planks to create 2 ladders. How many planks would be needed to create 70 ladders?

A. 10 B. 35 C. 245 D. 980 E. NOTA

1. If 3 wooden axes last for 16 hours, how many wooden axes does Amber need to play on Mine Craft and chop wood for 128 hours of play?

A. $5\frac{1}{3}$ B. 8 C. 24 D. 42 E. NOTA

1. Bryson noticed the number of blocks that he was chopping out of each tree. The 1st tree had 7 blocks, the 2nd tree had 5 blocks, the 3rd tree 6 blocks, the 4th tree had 5 blocks, and the 5th tree had some blocks. How many blocks of wood was in the 5th tree if the mean number of blocks from all of the 5 trees was 6 blocks?

A. 6 B. 7 C. 23 D. 30 E. NOTA

1. Daniel saw 4 zombies while playing Minecraft on Monday. On Tuesday, he saw triple the amount. On Wednesday, he encountered half of the amount that he saw on Tuesday. How many total zombies did he encounter in total over the 3 days?

A. 6 B. 22 C. 24 D. 36 E. NOTA

1. Sue saw cows and chickens. She counted 48 total legs on the cows and chickens. If there were the same number of chickens and of cows, how many total chickens and cows did Sue see?

A. 4 B. 8 C. 16 D. 24 E. NOTA

1. Gage planned to use his boat to move his blocks of wood from the big island over to his smaller island. He knew his boat would only carry 645.2 kg. He calculated that a block of wood weighed 27.4 kg. If all the blocks of wood weighed the same, how many **whole** blocks can he fit on the boat?

A. 23 B.24 C. 23.54 D. 24.04 E. NOTA

1. Levi calculates that his steps covers 8 inches and his jumps covers 18 inches. If Levi jumped 24 times and took 48 steps, how many total **feet** did Levi travel?

A. 68 B. 384 C. 432 D. 816 E. NOTA

1. Marvin captured $\frac{5}{8}$ of the pigs on the island and put them inside the fence. If there were 105 pigs in the fenced in area, how many pigs were on the island?

A.39 B. 66 C.168 D.280 E. NOTA

1. Mille wanted to know the total amount of dirt she had to dig out to create a waterhole. If each block is a cube that measures $1\frac{1}{2}$ feet on each side, then how many cube blocks will Millie have to dig out to make a waterhole that is 36 feet long, 24 feet wide and 3 feet deep?

A. 768 B. 864 C. 1728 D.2592 E. NOTA

1. If it takes 9 sheep to create 4 beds, then how many sheep will be needed to create 72 beds?

A. 32 B. 162 C. 288 D. 2592 E. NOTA

1. Ryan had 4 sheep. At the end of the 1st week, his number of sheep had doubled. The number of sheep doubled again at the end of the 2nd week. The numbers continued doubling at the end of the 3rd week, the 4th week and the 5th week. What was the total number of sheep that Ryan counted by the end of the 5th week?

A. 128 B. 248 C. 252 D. 256 E. NOTA

1. If one wood block makes 4 planks and each plank can create 4 sticks on the crafting table, then how many sticks can be made from 5 blocks of wood?

A. 13 B. 16 C. 20 D. 80 E. NOTA

1. Candace realized that the number of zombies was increasing during the day. At the end of the 1st hour, there were 6 zombies. At the end of the 2nd hour, the number had tripled. At the end of the 3rd hour, the number of zombies had tripled again, and continued this same rate at the end of each hour. How many **total** zombies had Candace counted by the end of the 8th hour?

A. 144 B. 13122 C. 19680 D. 39366 E. NOTA

1. One wood block makes 4 planks and a crafting table requires 8 planks. How many wood blocks will be needed to create 40 crafting tables?

A. 20 B. 80 C. 320 D. 1280 E. NOTA

1. Mackenzie spent 78 minutes on Monday, 83 minutes on Tuesday, 54 minutes on Wednesday, 75 minutes on Thursday, 80 minutes on Friday, and 64 minutes on Saturday and 46 minutes on Sunday. How many **hours** did Mackenzie spend on playing Minecraft during the week?

A. 8 B. 60 C. 80 D. 480 E. NOTA

1. Bailee needed to make 36 crafting tables. If a block of wood makes 4 planks and a crafting table requires 8 planks. How many blocks of wood will Bailee need to collect?

A. 9 B. 18 C. 36 D. 72 E. NOTA

1. When the sun sets, a monster can spawn. If the number of monsters double each hour, how many total monsters will Jenny have to deal with at the end of the fifth hour if she had seven at the end of the 1st hour?

A. 35 B. 112 C. 217 D. 224 E. NOTA

1. Justin knew that one block of wood makes 4 planks and one plank makes 4 sticks. If each pick ax requires 3 planks and 2 sticks, how many wooden pick axes can be created from 8 blocks of wood?

A. 8 B. 9 C. 10 D. 32 E. NOTA

1. Andrea was chopping wood in her Minecraft game. Andrea chopped 28 blocks of wood in 40 seconds. At this same rate, how many blocks of wood can Andrea chop in 1 hour?

A. 42 B. 1680 C. 2520 D.67200 E. NOTA

1. Lindsey timed herself while she was playing Minecraft and found that it took her 4 seconds to chop a block of wood. How many **minutes** did she spend in chopping 90 blocks of wood?

A. 6 B. 22.5 C. 36 D. 360 E. NOTA

1. Solomon chopped 15 blocks of wood. Each block of wood creates 4 planks. A door requires 6 planks. How many whole doors can Solomon create with his 15 blocks of wood?

A. 10 B. 25 C. 60 D. 360 E. NOTA

STOP

**Check back over your work and sit quietly until the teacher calls time.**

**Make sure you have marked/circled your answers on this test AND that you have bubbled the answers on the answer sheet.**