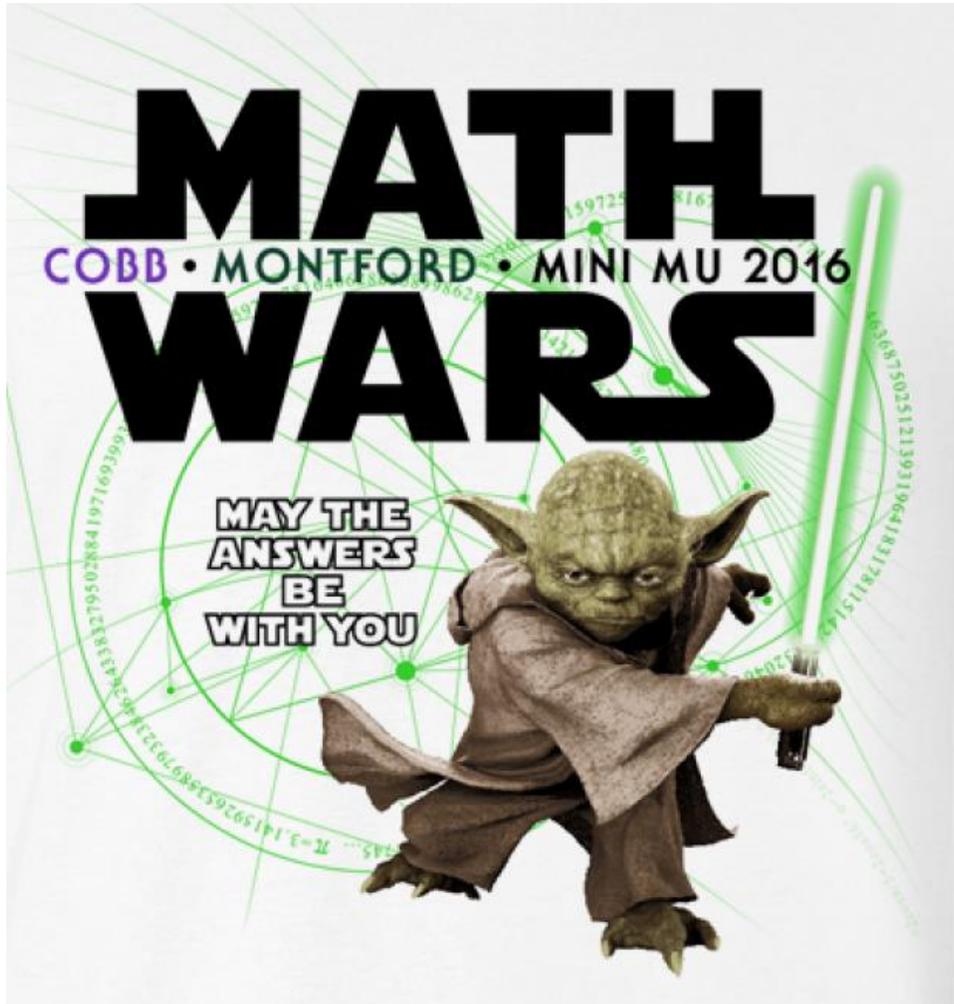# Cobb – Montford Mini-Mu Competition
Cobb Middle School
February 6, 2016

Part 2

Print Your Name _____

Print School Name _____

Print Teacher Name _____

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.

NOTA = None of These Answers

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26. The Resistance sent 312 pilots into battle. Out of the pilots, $\frac{3}{8}$ were sent ahead on a secret mission. How many of the pilots were sent ahead on a secret mission?

   A. 117   B. 832   C. 118   D. 274   E. NOTA

27. R2-D2 traveled for 20 hours looking for Luke on Tatooine. If R2-D2 rolls 64 feet in one minute, how many feet did R2-D2 travel in 20 hours?

   A. 25,600   B. 3840   C. 76,800   D. 1280   E. NOTA

28. Obi Wan Kenobi trained Luke in using his lightsaber. Luke practiced for 1248 hours over the next 148 days. Rounded to the nearest tenth, calculate the number of hours Luke practiced every day if he practiced the same amount each day?

   A. 8.4   B. 8.3   C.1100   D. 8.5   E. NOTA

29. Jabba the Hutt offered a reward for the capture and return of Han Solo. He offered credits as a reward, but the reward is cut in half each day. If the reward on the 1ˢᵗ day is 4275.8 credits, what is the reward on the 5ᵗʰ day for Boba Fett when he brought Han Solo to Jabba the Hutt rounded to the nearest tenth?

   A. 2137.9   B. 855.2   C. 267.2   D. 534.5   E. NOTA

30. Leia, Luke, Chewbacca and Han Solo were searching for Stormtroopers in an area of 7264 acres. It took them 16 days to cover the whole area. How many acres did each person have to search each day if they all searched the same number of acres?

   A. 113.5   B. 454   C. 7248   D. 116,224   E. NOTA

31. Han Solo and Chewbacca landed on 248 planets. They really liked 75% of them. How many planets did they NOT like?

   A. 186   B. 62   C. 330   D. 84   E. NOTA

32. Luke had to fly to the other side of the planet in his A-Wing Fighter. The diameter of the planet is 18,430 km. The formula for circumference is $C = \pi d$ and use 3.14 for π. How many km will Luke need to fly to get half way around the planet?

A. 5869.4   B. 11738.9   C. 28935.1   D. 57870.2   E. NOTA

33. Luke spent 92 days with Yoda practicing how to be a Jedi Knight. If he practiced $10\frac{1}{2}$ hours each day, how many total hours did Luke practice with Yoda?

A. 506   B. 525   C. 925   D. 966   E. NOTA

34. Obi Wan Kenobi served on the Jedi Council for 1024 days. If Obi Wan was absent 5% of the time, how many days was Obi Wan absent from the Council rounded to the nearest whole number?

A. 973   B. 51   C. 204   D. 512   E. NOTA

35. Princess Leia is working with the guards to set up a perimeter around the base camp. The base camp is shaped like a rectangle. The length is twice as long as it is wide. The length is 180 meters long. How much total fencing is needed for the perimeter of the base camp?

A. 360   B. 720   C. 1080   D. 540   E. NOTA

36. R2-D2 rolled for 4.3 miles in the desert. There are 5280 feet in one mile, how many feet did R2-D2 roll in the desert?

A. 22,704   B. 1227.9   C. 2270.4   D. 21,120   E. NOTA

37. Anakin became Darth Vader when he was 22 years old. He broke free of being Darth Vader and saved Luke when he was 42 years old. What equivalent fraction represents the number of years Anakin was Darth Vader during this time?

A. $\frac{11}{21}$ B. $\frac{4}{7}$ C. $\frac{10}{21}$ D. $\frac{21}{11}$ E. NOTA

38. Darth Vader wants to increase the number of Stormtroopers. Out of all of the Stormtroopers, Darth Vader chose $\frac{2}{5}$ of them for pilots. If he chose 280 pilots, how many total Stormtroopers were in the group?

A. 700   B. 112   C. 168   D. 467   E. NOTA

39. The Empire contains 288 planets. It takes the Stormtroopers 3 months to travel to each planet, how many <u>years</u> will it take the Stormtroopers to travel to each of the 288 planets?

    A. 216   B. 96   C. 72   D. 864   E. NOTA

40. Princess Leia's planet has 38,720,683 people. Luke's planet Tatooine has 9,685,374 people. How many more people does Leia's planet have?

    A. 29,145,311   B. 29,035,309   C. 29,045,319   D. 29,045,311   E. NOTA

41. Luke, Leia, Han and Chewbacca were traveling in the Millennium Falcon. How far could they travel in 5.8 hours if they were traveling at 14,806.2 miles per hour?

    A. 85875.96   B. 2552.79   C. 25527.93   D. 8587.59   E. NOTA

42. The Death Star has 42 floors and needs 28 guards on each floor for each 12-hour section of the day. How many total guards will they need for a 24-hour day?

    A. 14,112   B. 1176   C. 2352   D. 1008   E. NOTA

43. Yoda is 34 inches tall, Luke is 69 inches tall, Han is 71 inches tall, Chewbacca is 81 inches tall, and Leia is 62 inches tall. What is their combined heights, in <u>feet</u>, rounded to the nearest tenth?

    A. 13.2   B. 31.7   C. 26.4   D. 317   E. NOTA

44. Jabba the Hutt kept Han Solo sealed in Carbonite for 14.4 days. How many <u>hours</u> did Han Solo stay frozen in the Carbonite?

    A. 518.4   B. 288   C. 345.6   D. 172.8   E. NOTA

45. The City in the Clouds was 9.4 miles above the planet in the air. There are 5280 feet in a mile. How many feet, to the nearest tenth, is the City above the planet?

    A. 49,632   B. 4963.2   C. 561.7   D. 5289.4   E. NOTA

46. Millennium Falcon needs 32 gallons of fuel to travel 512 miles. What fraction represents the miles per gallon?

A. $\frac{15}{16}$ B. 16   C. $\frac{1}{16}$ D. $\frac{1}{8}$ E. NOTA

47. Han Solo owes Jabba the Hutt 9216 credits for losing cargo. If Han makes monthly payments to Jabba for the next 2 years, how much will Han have to pay Jabba each month?

A. 256   B. 460.8   C. 4608   D. 384   E. NOTA

48. The Resistance needs to train more Resistance fighters.   It takes 4 months to train each group of fighters. Each group contains 26 fighters and only 1 group of fighters can train at a time. FINA How many total fighters can The Resistance train over the next 3 years?

A. 104   B. 78   C. 234   D. 312   E. NOTA

49. C-3PO has 1486 languages already in his data bank. If he learns 58 new languages each month for the next 5 years, how many total languages will C-3PO have in his data bank at the end of the 5 years?

A. 2182   B. 3480   C. 1776   D. 4966   E. NOTA

50. Chewbacca and his wife had 4 children Wookies. Each of their 4 children had 5 children and each of their 5 children had 3 children Wookies. How many total great-grandchildren did Chewbacca and his wife have?

A. 1200   B. 120   C. 20   D. 60   E. NOTA

STOP

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

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Make sure you have marked your answers on this test

AND

that you have bubbled the answers on the answer sheet.