**Family Day Team Questions**

May 26, 2003

Parents and students are divided randomly into groups of about 10 people and given about two hours to complete as many of these activities as possible, accumulating points for each item completed.

1. How many sinks are in the school (each compartment/washbowl/tub counts as one sink).Don’t count laundry tubs in utility rooms or the portable lab unit.
2. Measure the circumference of the center gray post in front of the school.
3. Measure the length of the bookshelf island in room two (the top).
4. How many fluorescent tubes do the school ceiling fixtures hold if they each have as many as they can?
5. You have 9 coins totaling 87 cents. What is the value of each coin?
6. How many doors are there in the school? (A door is anything that swings on hinges, including cupboard doors, but not including anything inside any closet or utility room.
7. Starting with Jan. 1 as day 1 of this year, what day out of the 365 days is today?
8. Who wrote the book titled *Hi Jolly!*
9. What is the land of Phut (Put) in the Bible called today?
10. What is the (hanging) length of the rope hanging from the high swing set?
11. Sketch somebody in your group.
12. Calculate the height of the electric pole next to the school driveway.
13. Find the temperature of the water in the Chickies Creek in both Celsius and Fahrenheit.
14. Calculate the cubic feet of the school building from floor to peak.
15. Do the same for the shed.
16. Calculate the average age of all the students to the nearest year using the age they are today. Use only information from your group’s memories.
17. Collect something of a type you know nobody else will collect. It must weigh less than five pounds and fit inside a grocery bag.
18. How many teaspoons of water does it take to fill a gallon jar?
19. Name 5 common plants (house or lawn) that are poisonous if ingested.
20. Sketch the front of the school.
21. How many men were eliminated from Gideon’s army before the battle?
22. Select one of the books from room 1’s library bookshelf, gather all your group together at a quiet place (may be outside) and have someone in grade 4 or below read it to you out loud. Write the title and reader here: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-
23. What are the seven wonders of the ancient world?
24. What is the population of the U.S.? Give the figure, and the page number and title of a reference book that states it.
25. Do the same as #24 for the population of the world.
26. What is Pennsylvania’s
27. nickname
28. state tree
29. state flower
30. What is Lancaster City’s nickname?
31. Which is the only skyscraper in Lancaster City?
32. The nation of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sits on one of the most ancient and important “crossroads of the world”
33. Hieroglyphics was the language of ancient\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
34. Write the following formulas:
35. area of a circle
36. area of a trapezoid
37. area of a triangle
38. surface area of a sphere
39. volume of a cone
40. volume of a pyramid
41. volume of a cylinder
42. volume of a rectangular prism
43. What’s the zip code of Ninepoints, PA?
44. Give the telephone number of the Mountville library.
45. Give one point for each person in your group who
46. is wearing shoes with strings
47. had an egg for breakfast
48. brushed his/her teeth this morning
49. got up before 5:30 this morning
50. ate some raw fruit or vegetable yesterday
51. talked to a grandparent this morning
52. Write an original song of two verses that can be sung to a common tune.
53. Have your group sing the song before lunch.
54. Write an original tune for the song and use that tune to sing to the group.
55. Have someone make a chalk drawing on a large piece of paper, then hang it up for display.
56. These questions can be answered by someone along to Ashland on the grade 6-8 field trip:
57. At the deepest, how many feet were you beneath the top of the mountain?
58. The surface that the miners worked against all day to drill & blast was called a \_\_\_\_\_\_
59. The two deadly gases miners must watch out for are black damp and \_\_\_\_\_\_\_\_\_\_\_\_\_.
60. What verbal can be an adverb, adjective, or noun?
61. For each person in your group who goes up the big rope and touches the cross pole at the swing set, give yourself 5 points.
62. Have each individual do chinups. Each gets 1 point for each chin up he/she can do inside of 3 minutes. Only one 3 minute try per person.
63. Five points for each person who can go hand over hand from one end of the horizontal ladder and back without stopping.
64. Three points for each person who goes from one end of the parallel bars to the other using only hands (feet off the ground), moving EACH hand at least 6 times.
65. Ten points for each person who walks the length of the school on stilts. (any pair)
66. How high is the school building to the peak?
67. Have someone memorize a Bible verse or poem of at least 25 words which they’ve never memorized before, and recite them to the group.
68. Have some write an original poem of 25+ words and read it to the group. Double points if you recite it.
69. Someone in the group stand on his head for 30 seconds while 3 from the group witness it.
70. Someone in the group walk on his hands for 20 feet while 3 people witness it.
71. Find a horseshoe hanging in an evergreen behind the school. Only one—leave the others there for other groups to find. Do not damage any trees looking.
72. At $.08 per kilowatt hour, how much does it cost to cook a roaster of food at full heat for 2 hours?

(Use one of the newer roasters in the kitchen to check this)