

Team #75
Matthew
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The Great Computer Challenge 2018

Internet Scavenger Hunt, Level II

Instructions:

Solve **all** ten problems as completely as possible. Partial answers will be accepted. Note that only the final URLs are required.

This form must be completed for the judges.

Keep these points in mind:

- The URLs are required. Even if you know the answer, you *must* find the information on the Internet and list the URL where you found the answer.
- Some of the problems may have more than one question.
- Put your school name on each page.
- This document is available on media in Microsoft WORD format. You may use it to copy and paste your answers from the browser to the document. You *do not have* to use the document. If you prefer, you may use the printed copy and write your answers in the spaces provided.
- You must turn in a printed version of your completed form for judging – again, you may have written on the form, or you may have used the computer version. Either is fine, but make sure you have a paper document to hand in at the end of the competition.

1. After a rocket is launched from Earth, when entered Earth's orbit, what is the rocket's speed when converted to speed of light?

Final URL(s):

https://www.nasa.gov/audience/foreducators/k-4/features/F_Escape_Velocity.html

Answer(s):

2.2682358473474E-5

2. If a computer scientist messaged you a message such as c00l d00d, what kind of "speak" is it?

Final URL(s): <https://en.wikipedia.org/wiki/Leet>

Answer(s):

Leet (l33tsp33k)

3. Board games have been around for as long as the civilized world has existed. What is the oldest board game known to exist?

Final URL(s):

<https://en.wikipedia.org/wiki/Senet>

Answer(s): Senet

4. If a person's father has blood type AB positive and mother has blood type O positive, can that person donate blood to another person with blood type O positive?

Final URL(s):

http://australianpaternityfraud.org/BLOOD_TYPE_CHART_CHILD_MOTHER_FATHER-Determine_Paternity.aspx

Answer(s):

No

5. If the tallest man in the world ever recorded was stacked with his wax statues leading up to the top of the tallest building in the World, how many statues would it require to reach the top most tip of the building?

Final URL(s):

<http://www.quinnessworldrecords.com/world-records/tallest-man-ever>

https://en.wikipedia.org/wiki/List_of_tallest_buildings

Answer(s):

304.71

6. If a computer scientist mentions a "nibble" of data, how many bits would he be referring to?

Final URL(s):

<https://en.wikipedia.org/wiki/Nibble>

Answer(s):

4 bits

7. The age of The Earth is roughly equal to the population of which continent?

Final URL(s):

https://en.wikipedia.org/wiki/Age_of_the_Earth

<http://www.worldometers.info/world-population/asia-population/>

Answer(s):

Asia

8. If a class of 7 students were to represent their team in a sports event, what sport could they be playing?

Final URL(s): <https://www.factmonster.com/sports/sports-section/official-numbers-players-team>

Answer(s):

Ultimate Frisbee

9. If the fastest man on earth wanted to match the speed of the fastest land-animal on Earth, approximately by how many times should he increase his speed if he was running his fastest?

Final URL(s):

<https://www.conservationinstitute.org/10-fastest-animals-on-earth/>

<https://theconversation.com/the-maths-behind-the-fastest-person-on-earth-and-no-its-not-usain-bolt-63732>

Answer(s):

2.577 times

10. If Saturn exploded into equal sized planets and one of them is the size of Earth, how many planets would it explode into?

Final URL(s):

<http://mrnussbaum.com/space/saturn/>

Answer(s):

764