**FLEA JUMP** **Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Research the following information about a flea.

Flea Height:\_\_\_\_\_\_\_\_\_\_ Flea Jump distance:\_\_\_\_\_\_\_\_\_\_ Flea Jump Height:\_\_\_\_\_\_\_\_\_\_

What is the ratio of flea height to flea jump distance as a fraction? \_\_\_\_\_\_\_\_\_\_\_\_

What is the ratio of flea height to flea jump height as a fraction? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

What if you had the *jumping powers of a flea*…….. Use proportions to find (show your proportions work!)

Your Height:\_\_\_\_\_\_\_\_\_\_ Your *new* Jump distance:\_\_\_\_\_\_\_\_\_\_ Your *new* Jump Height:\_\_\_\_\_\_\_\_\_\_

Could you jump over the Statue of Liberty? (Provide proof)

Could you jump over the widest part of the Mississippi River? (Provide proof)

List 5 more natural wonders of the world that you could jump ***ACROSS*** if you could jump like a flea.

|  |  |  |
| --- | --- | --- |
| Name of Object | Distance of Object | Proof you can clear it. |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

List 5 more natural wonders of the world that you could jump ***OVER*** if you could jump like a flea.

|  |  |  |
| --- | --- | --- |
| Name of Object | Height of Object | Proof you can clear it. |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |