1. A person has 3000 bananas and a camel. The person wants to transport the maximum number of bananas to a destination which is 1000 KMs away, using only the camel as a mode of transportation. The camel cannot carry more than 1000 bananas at a time and eats a banana every km it travels. What is the maximum number of bananas that can be transferred to the destination using only camel (no ether mode of transportation is allowed).

To maximize the number of bananas transported, you can take advantage of multiple trips. For each trip, you carry a load of bananas for a certain distance, and drop off some bananas as you go. After completing a part of the journey, you return to fetch more bananas and repeat the process.

https://www.geeksforgeeks.org/puzzle-15-camel-and-banana-puzzle/

1. There are five houses in a row, each with a different color. In each house lives a person of a different nationality. The five owners drink a certain type of beverage, smoke a certain brand of cigar, and keep a certain pet. No owners have the same pet, smoke the same brand of cigar, or drink the same beverage. We have to find out each of the respective persons with their respective belongings.

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1. Make 4 equilateral triangles 6 identical match sticks

* Lay down 3 matchsticks to form an equilateral triangle. This will be the base of your shape.
* Now, take the remaining 3 matchsticks and connect each matchstick from the three vertices of the base triangle to a single point above the center of the base. This forms a pyramid-like structure.