

1. in 15 minutes.
2. Counterfeit money
3. The water will never cover the rung.
4. $(5 \times 5 \times 5) - (5 \times 5) = 100$; $(5+5+5+5) \times 5 = 100$; $(5 \times 5)(5 - (5/5)) = 100$.
5. Ten people have guessed four fruits correctly.
6. Pepper.
7. Tomatoes
8. Fill the 5 oz. and 11 oz. Containers from the 24 oz. container. This leaves 8 oz. in the 24 oz. bottle. Next empty the 11 oz. bottle by pouring the contents into the 13 oz. bottle. Fill the 13 oz. bottle from the 5 oz. container (with 2 oz.) and put the remaining 3 oz. in the 11 oz. bottle. This leaves the 5 oz. container empty. Now pour 5 oz. from the 13 oz. bottle into the 5 oz. bottle leaving 8 oz. in the 13 oz. bottle. Finally pour the 5 oz. bottle contents into the 11 oz. bottle giving 8 oz. in this container.
9. As the balloon lost altitude, the men took off their clothes and threw them overboard to decrease the weight of the balloon. The balloon continued to drop so the men drew straws to see who would be forced to jump. The dead man in the desert drew the shortest one (the half toothpick)
10. If the guard you asked is the one who lies, then he will lead you astray by telling you (falsely) that the other guard – the truthful guard – will point you towards door that leads to death. This makes the opposite door the safe bet, while If the guard you ask is the one who tells the truth, he will tell you (honestly) that the other guard – the lying guard – will point you towards the death door. This makes the other door the stay alive door.