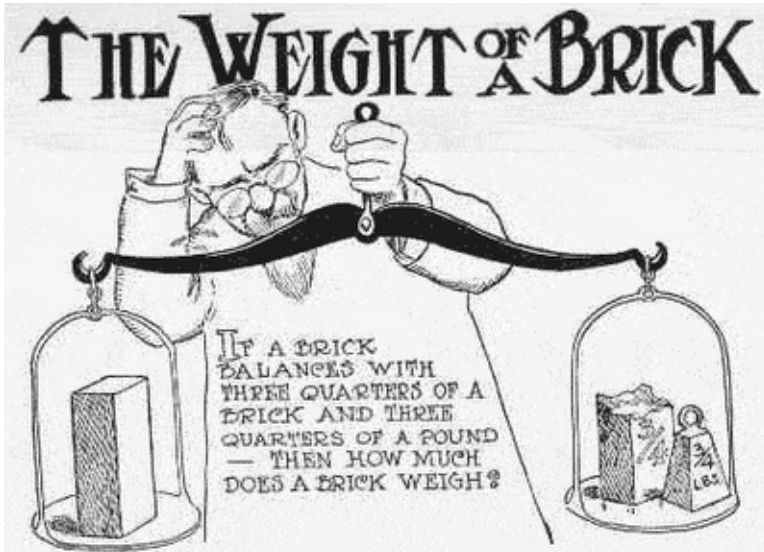


## BRAIN CHALLENGE



If a brick balances with three-quarters of a brick and three-quarters of a pound, how much does a brick weigh?

~ Sam Loyd

### Thoughts:

*Whether you think you can or think you can't, you are always right.*

*A chip on the shoulder may be a sign of wood higher up.*

*It is never too late to be what you might have been.*

*A great oak is only a little nut that held its ground.*

*If you can laugh at yourself, then there is still hope.*

### Puzzles

#### Fox, Chicken and Grain

You have a fox, a chicken and a sack of grain. You must cross a river with only one of them at a time. If you leave the fox with the chicken, he will eat it. If you leave the chicken with the grain, he will eat it. **How can you get all three across the river safely?**

#### The Police Investigation

Two police officers investigated a call about a missing man. Upon arriving at his house, the officers knocked on the front door. They turned the doorknob and found the front door locked. They broke a back window and climbed in. The house was empty. Inside a back room, there was a man hanging from the ceiling. There was no furniture, no window and no tools in the room. Just the dead man and a puddle of water. **What happened to the man?**

#### The Rising Tide

At noon a big yacht was docked in a harbor. The water was approximately six feet below the main porthole. The tide was slowly rising at a foot every hour. **How many hours will it take for the water to reach the porthole?**

