

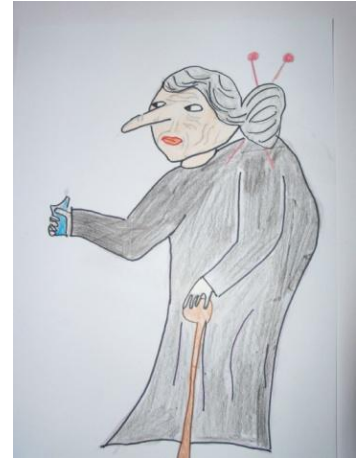
The Tale of the Copper Rock

(Michal Šuhaj)



Once upon a time, there was a lad, that shepherded near the rock called the Copper Rock. He shepherded his 360 sheep, out of which, 45% died. How many sheep did he have left? Once, when an old lady came to him and asked for 3dl of water, lad asked her, whether she knows, why is this rock called that. Old lady put down glass with 10ml of water. How much water did she drink?

"I know, why it is called like that. I was very young, when a lad just like you was going here to shepherd. He was very poor, he got only 124 euros per month." How much did he earn per year? Once,



lad sighed: "Oh you big rock, if you could help me with my sorrows." Then, suddenly, the rock opened. Lad entered and he saw 6 billion euros (6 000 000 000). Lord of the rock told him: "Take as much as you can carry." Lad took 500 000 euros. How many euros did he leave there? Lad spent all his money and even got proud. When he returned to the rock, he started to take money again. But, the rock closed and he stayed inside, forever. And since then, the rock is called The Copper Rock. Lad thanked old lady and escorted her to the door, shaped like circle with radius of 100cm. What was the diameter of the door?