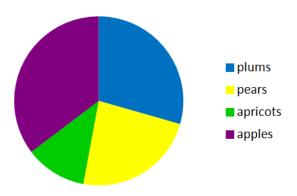
## Courting



Once upon a time, there lived a beautiful family - king, queen and princess. Princess was supposed to get married. She had to choose between two wooers. First one was a bad king, who tyrannised his country. Second one was young lad, but he was poor. Both had to show them their love to her, so princess made up three tasks, they had to solve. Person who accomplishes all three tasks, will get the princess. First task, they had to paint one tower of a castle,

that was cone-shaped, with height of 4 metres and 3 metres long radius of the base. They had to paint it, so the whole roof will be

painted and none paint will remain. Young lad said: "That's easy, I'll just use an equation!" But it was difficult for a king. The second task was to find out from the chart, what kind of a tree were there the most in royal garden. Lad had a great



logical thinking, so he found out immediately. King thought: "I am the king, why do I have to know, how many apple and pear trees I have in my garden?" So the servant whispered him the correct answer. They both moved into the last task. But they stood in front of the most difficult task, which had to decide, which one of them would marry the princess. They had to find out, how many percent of the royal land is forest, if all the land is on  $50 \text{km}^2$  and forest is on  $15 \text{km}^2$ . King was very good with percent. He solved it right away. But lad had no clue. Bad king won. When the wedding was about to start, the servant who helped the king slipped his tongue out. Everyone in the kingdom knew the truth right away. King was exiled from kingdom for cheating and the lad married the princess. They lived happily ever after, because they knew how to rule wisely and without frauds.