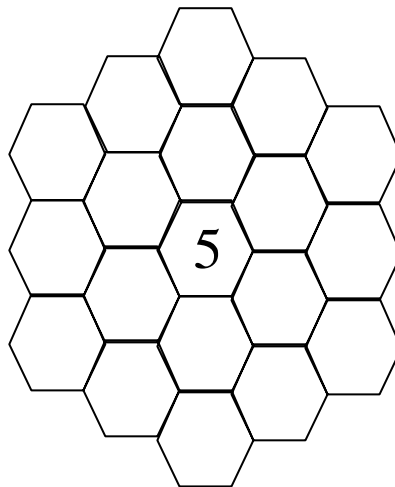1. Bill and Ted were playing on a barn roof when it suddenly collapsed underneath them. When they picked themselves up, Bill's face was covered with grime while Ted's face was quite clean. Yet it was Ted who rushed off to clean his face. Why ?

    A boat lay anchored in the bay at Parker Point on Rottnest Island. Rebecca noticed that a ladder was dangling from her deck with the bottom four rungs of the ladder submerged. She also noted that each rung was 5 cm wide and that the rungs were 28 cm apart. If the tide was rising at the rate of 42 cm per hour, how many rungs would be submerged after 2 hours ?

2. Let's try a magic hexagon. See if you can place the numbers from 1 to 19 into the hexagon so that all fifteen sums equal thirty eight. (There are three directions, each direction consists of five sums.)

3. Stephen was asked the age of his son Joshua and he gave the following reply:

    " My son is five times as old as my daughter, and my wife is five times as old as my son, and I am twice as old as my wife, whereas Grannie, who is as old as all of us put together, is celebrating her eighty first birthday today."

    How old is Joshua ?