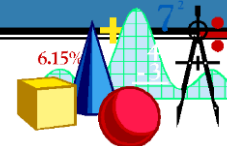


Mathematics, Grade 8

Unit XI: Lesson B1

Table: **Finding Your Roots on TerraSquara**



People are usually identified by visual statistics, in other words, what they look like. They can also be identified by numerical statistics such as age, date of birth, height in inches, weight in pounds, telephone number, social security number, street address, etc.

Imagine your world was not Earth but was TerraSquara. On your planet people are identified by numerical data to the square or square root. Collect such numerical data on several of your classmates. Write this data as the square or square root of a number (rounded to the nearest tenth). Make a TerraSquara drivers license for them.

Make up a puzzle sheet using your altered data. Have the students act as detectives to discover which license belongs to which student. Have a master list prepared.