North on Interstate 5, then take highway 14 toward Mojave. Exit on Placerita Canyon Road (the second exit) and go East 1.4 miles to the Nature Center. Pay \$3 per car parking fee at the Nature Center

We did the a loop at Placerita Canyon last year, which requires hiking on steep firebreak paths and is discouraged by the Forrest Service. Therefore we will do an out-and-back hike this time.

Primary hike

8 Mile, 1650 ft gain

Placerita Canyon Trail (or Placerita Canyon Road if there is too much water in the creek) to Walker Ranch Campground, then up the Los Pinetos Trail to the Wilson Canyon Saddle. Lunch and then retrace the trail back to the Nature Center.

Short alternate hike

5 miles, 750 ft gain

Take the Waterfall Trail from Walker Ranch Campground to the waterfalls - retrace trail back to the Nature Center

## Riddle

Three Indian squaws huddle around a fire on a blustery fall morning. The most elderly squaw sits on a much prized hippopotamus hide as a symbol of high status in the tribe. The second squaw sits on a buffalo skin because of her lower status, about half that of the elderly squaw; she has young son whose status is only about one-third of the elderly squaw's status. The third squaw also has less status than the elderly squaw (about two thirds), so she sits on a bear skin. She is very proud of her son who has recently been on his first hunt and therefore has twice the status of the second squaw's son. The third squaw knows that discussing the afternoon hunt may hurt the feelings of the second squaw, so she talks of the bright beauty of the morning. The second squaw mentions that her son is doing well in his bow and arrow lessons and has mastered the art of arrowmaking (implying that her status, along with that of her son, is rising).

What famous mathematical theorem does this situation depict?