Name: _____

Selected Champion Trees

Tree Type	Circumference (ft)	Height (ft)	Spread/Diameter (ft)
Giant Sequoia (Calif.)	83.2	275	107
Coast Redwood (Calif.)	79.2	321	80
Swamp Chestnut Oak (Tenn.)	23.0	105	216
Florida Crossopetalum (Fla.)	0.4	11	3
White Oak (Md.)	31.8	96	119

SOURCE: *Washington Post*

A. Use the table above.

   1. How many coast redwood spreads does it take to equal the spread of the white oak?

   2. Anthony says that the spread of the white oak is greater than that of the coast redwood by a ratio of about 3 to 2. Is he correct? Explain.

   3. Mary says the difference between heights of the coast redwood and the giant sequoia is 46 feet. Is she correct? Explain.

   4. How many giant sequoia spreads does it take to equal the spread of the swamp chestnut oak?

   5. James says the spread of the giant sequoia is less than 50% of the spread of the swamp chestnut oak. Is he correct?

   6. Len says the circumference of the swamp chestnut oak is about three-fourths the circumference of the white oak. Is he correct?

B. The tallest person in history was Robert Wadlow. He was nearly nine feet tall. Write two comparison statements comparing Wadlow to the trees in the table.

C. The shortest woman in history was 23 inches tall. Write two comparison statements comparing her to Wadlow.

Name: _____

Required Practice:

Selected Champion Trees

Tree Type	Height (ft)	Spread (ft)
Florida Crossopetalum	11	3
White Oak	96	119

1. Use the table to answer the questions:

a. The height of the crossopetalum(kroh soh PET uh lum) is what fraction of the height of the white oak?

b. The height of the crossopetalum is what percent of the height of the white oak?

c. The spread of the crossopetalum is what fraction of the spread of the white oak?

d. The spread of the crossopetalum is what percent of the spread of the white oak?

2. In a survey, 100 students were asked if they prefer Coke or Pepsi .The results show that 60 students prefer Coke while 40 Pepsi. Express the students' preferences in a statement using:

a. ratio

b. percent

c. fraction

d. difference