

Name _____

CHALLENGE The Giant Douglas Fir

Look and explore

Look at the giant tree slice in the Collections Gallery. What do you notice?

1) _____

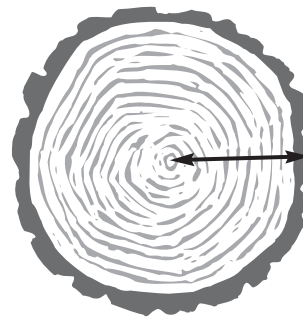
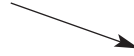
2) _____

Guess How old do you think this tree was when it was cut down? _____

Growth question 1

This tree probably sprouted in the year 1331.
What years are the years of fastest growth?

Circumference
(all the way around)



Radius



Growth question 2

How old was this tree when its radius was twice the radius of the last ring of the other tree slice you measured? _____

Was the Douglas fir growing faster or slower than the tree you measured? Explain your thinking.

Growth question 3

This exhibit does not allow you to measure the Douglas fir's circumference. Come up with a method to estimate the circumference.

Estimated circumference _____ cm

Explain how you got your estimate using words or pictures.