

CSE 16

Homework Assignment 4

Do the following problems from *Book of Proof*:

(3.7) 2, 4abc, 6, 8, 10, 12, 14

(3.8) 2, 4, 6, 8, 10, 12, 14, 16, 20

(3.9) 2, 4, 6

[Hint on (3.9) #6: two points on a sphere determine a great circle, namely the intersection of the sphere with the plane containing the two points and the center of the sphere.]

(3.10) 2, 4, 6, 8, 10, 12