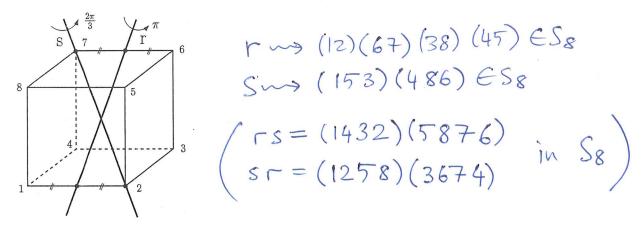
Name and Surname: Student Number:

## Math 466 - Fall 2019 - METU

## Quiz 2

The vertices of a cube are labelled 1 to 8 as shown below. Find the elements of  $S_8$  which correspond to the rotational symmetries r and s.



Compute rs and sr by writing the label of each vertex in the diagram below. Determine if rs and sr are equal.

