AMAT	327(Z):	Elementary	Abstract	Algebra.	Spring	2012
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Quiz # 19, April 17

Name:

Find all right cosets of H = (fg) in  $S_3$ , where  $fg = \begin{pmatrix} 1 & 2 & 3 \\ 3 & 2 & 1 \end{pmatrix}$ .

How many cosets are there? How many elements do they contain?