

20

4. a) H is nonabelian since $V \cdot t = S$

but $t \cdot V = R$

$\therefore Vt \neq tV$ ✓

b) G is a cyclic since $\langle a \rangle$ ✓

$\langle a \rangle = \{h, i, j, k, l, m, n\} = G$