Les 4 huiswerk

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1 Opgave 1

a. pivot $p = \text{mid}(4,7,2) = 4$

b. $\{4i, 9, 5, 1, 2, 8, 3, 6j, 7\}$

$\{7i, 9, 5, 1, 2, 8, 3, 6j, 4\}$ swap pivot

$\{7i, 9, 5, 1, 2, 8, 3j, 6, 4\}$ $i > p$

$\{3, 9i, 5, 1, 2, 8, 7j, 6, 4\}$ swap i, j

$\{3, 9i, 5, 1, 2j, 8, 7, 6, 4\}$ $i > p$

$\{3, 2, 5i, 1j, 9, 8, 7, 6, 4\}$ swap i, j

$\{3, 2, 5i, 1j, 9, 8, 7, 6, 4\}$ $i > p$

$\{3, 2, 1, 5ij, 9, 8, 7, 6, 4\}$ swap p, i

$\{3, 2, 1, 4, 9, 8, 7, 6, 5\}$