$$MR = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 2 & 0 & 0 & 0 & 1 \\ 1 & 1 & 0 & 1 \\ 4 & 0 & 0 & 0 & 0 \end{bmatrix} \qquad MS = \begin{bmatrix} 0 & 0 & 0 \\ 1 & 0 & 1 \\ 0 & 1 & 0 \\ d & 0 & 0 & 1 \end{bmatrix}$$

There is an arrow (path) from 2 to d which is followed by a n arrow from d to z

$$2Rd \ and \ dSz \quad \Rightarrow 2(R \ oS) \ z$$
 and 
$$3(R \circ S)x \ and \ 3(R \circ S)z$$
 so 
$$R \ oS = \{(3,x),(3,z),(2,z)\}$$

