■ = FK

E1 — ? — R — ? — E2

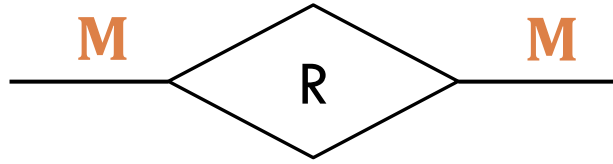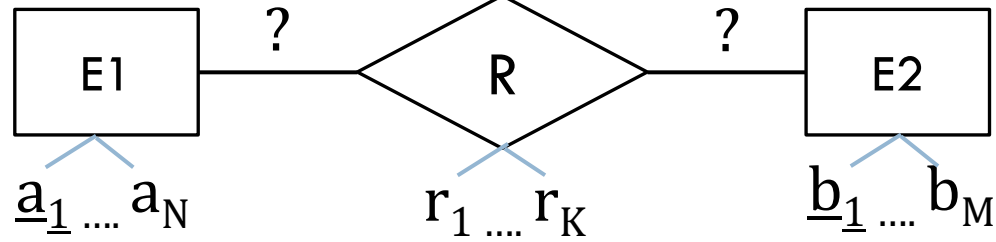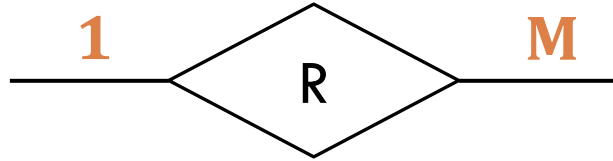$\underline{a}_1$ .... a_N r_1 .... r_K $\underline{b}_1$ .... b_M
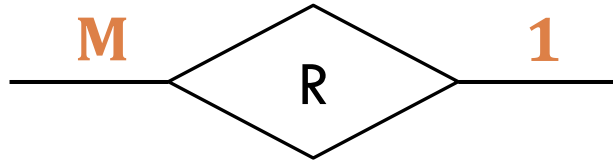

M — R — **M**

$E1 = \{\underline{a}_1, \ldots, a_N\}$ $E2 = \{\underline{b}_1, \ldots, b_N\}$

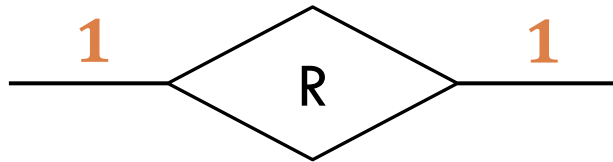$R = \{\underline{a}_1, \underline{b}_1, r_1, \ldots r_k\}$

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1 — R — **M**

$E1 = \{\underline{a}_1, \ldots, a_N\}$

$E2 = \{\underline{b}_1, \ldots, b_N, a_1, r_1, \ldots r_k\}$

M — R — **1**

$E1 = \{\underline{a}_1, \ldots, a_N, b_1, r_1, \ldots r_k\}$

$E2 = \{\underline{b}_1, \ldots, b_N\}$

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1 — R — **1**

Treat as 1:M or M:1
Mark foreign key as unique