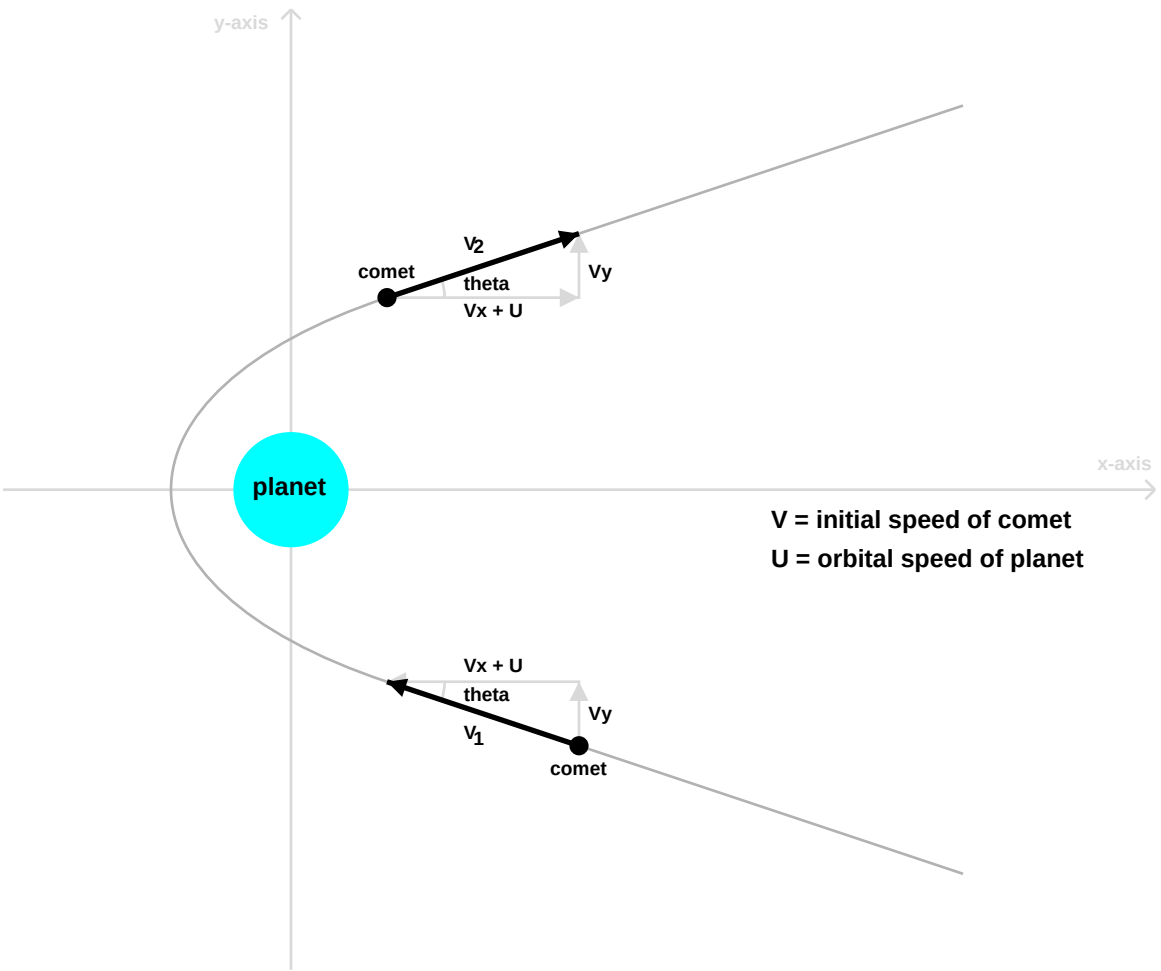
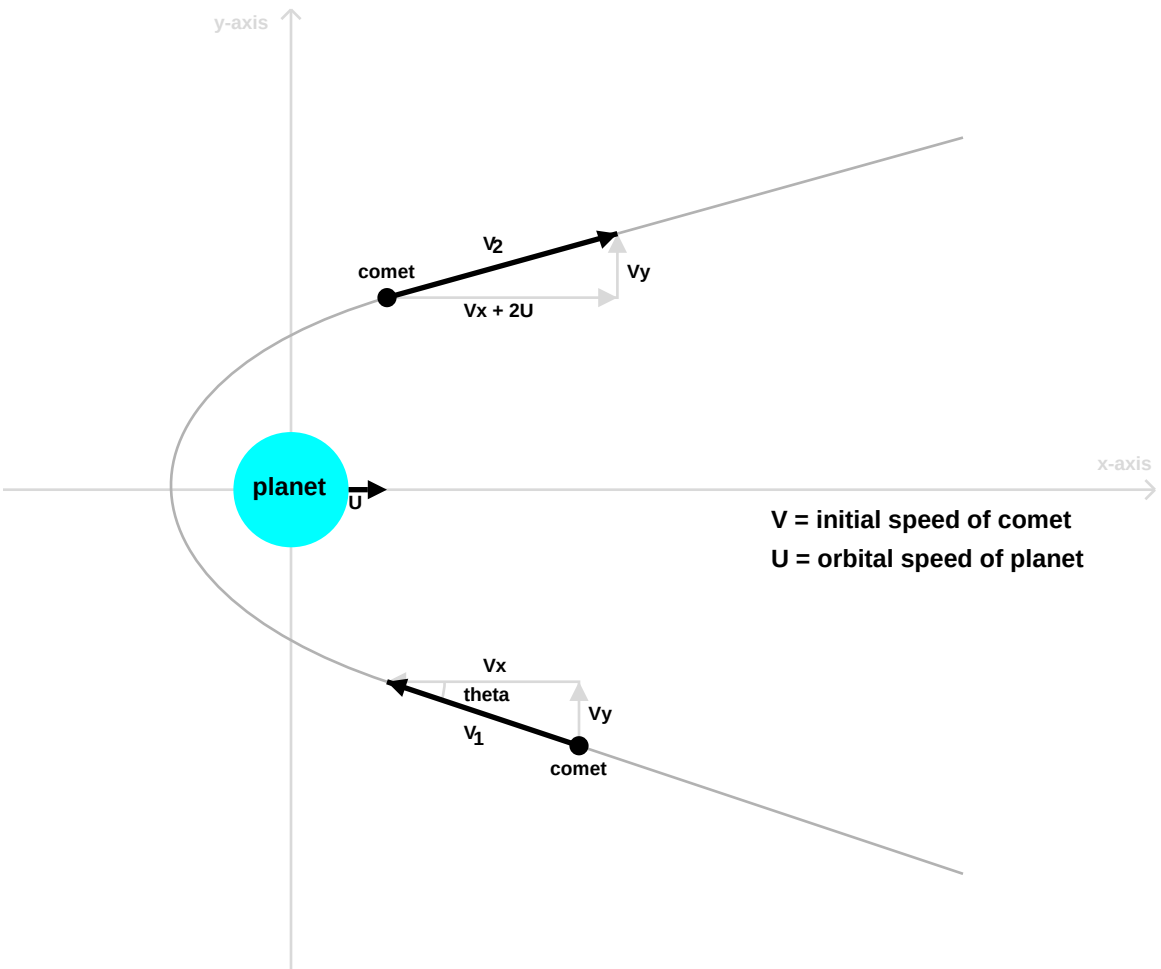
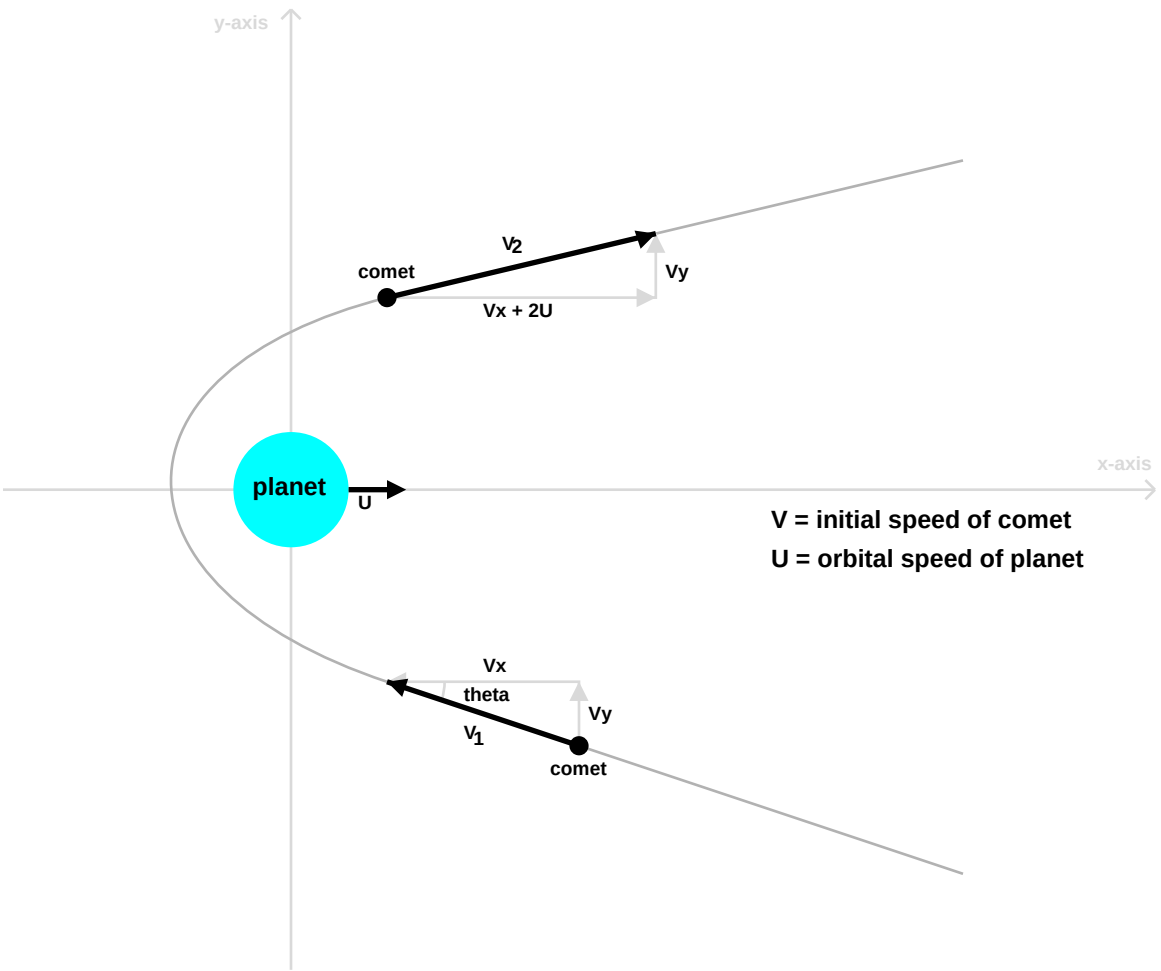

y-axis
x-axis
planet
comet
V2
theta
Vx + U
Vy
V = initial speed of comet
U = orbital speed of planet
Vx + U
theta
V1
Vy
comet


y-axis
x-axis
comet
V2
Vy
Vx + 2U
planet
U
V = initial speed of comet
U = orbital speed of planet
Vx
theta
Vy
V1
comet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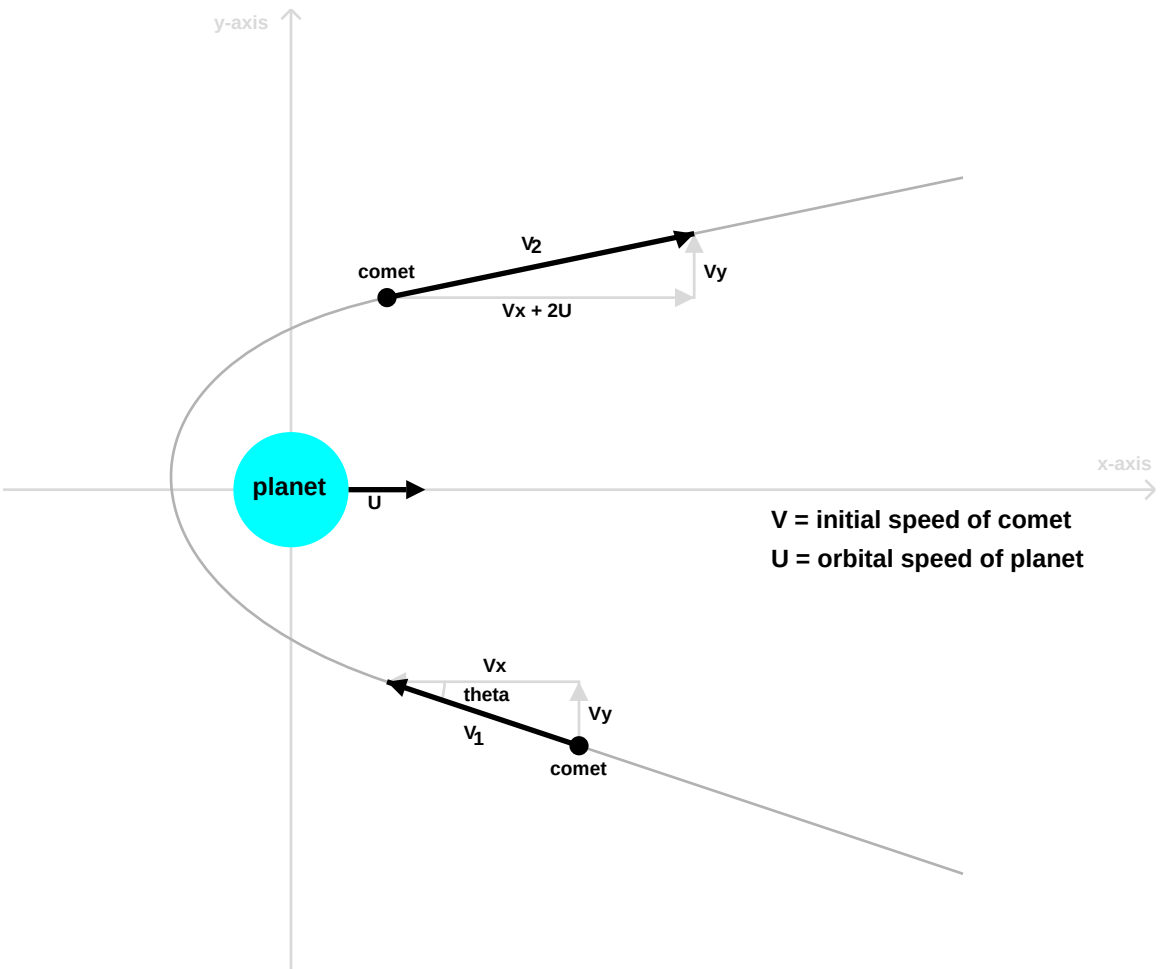
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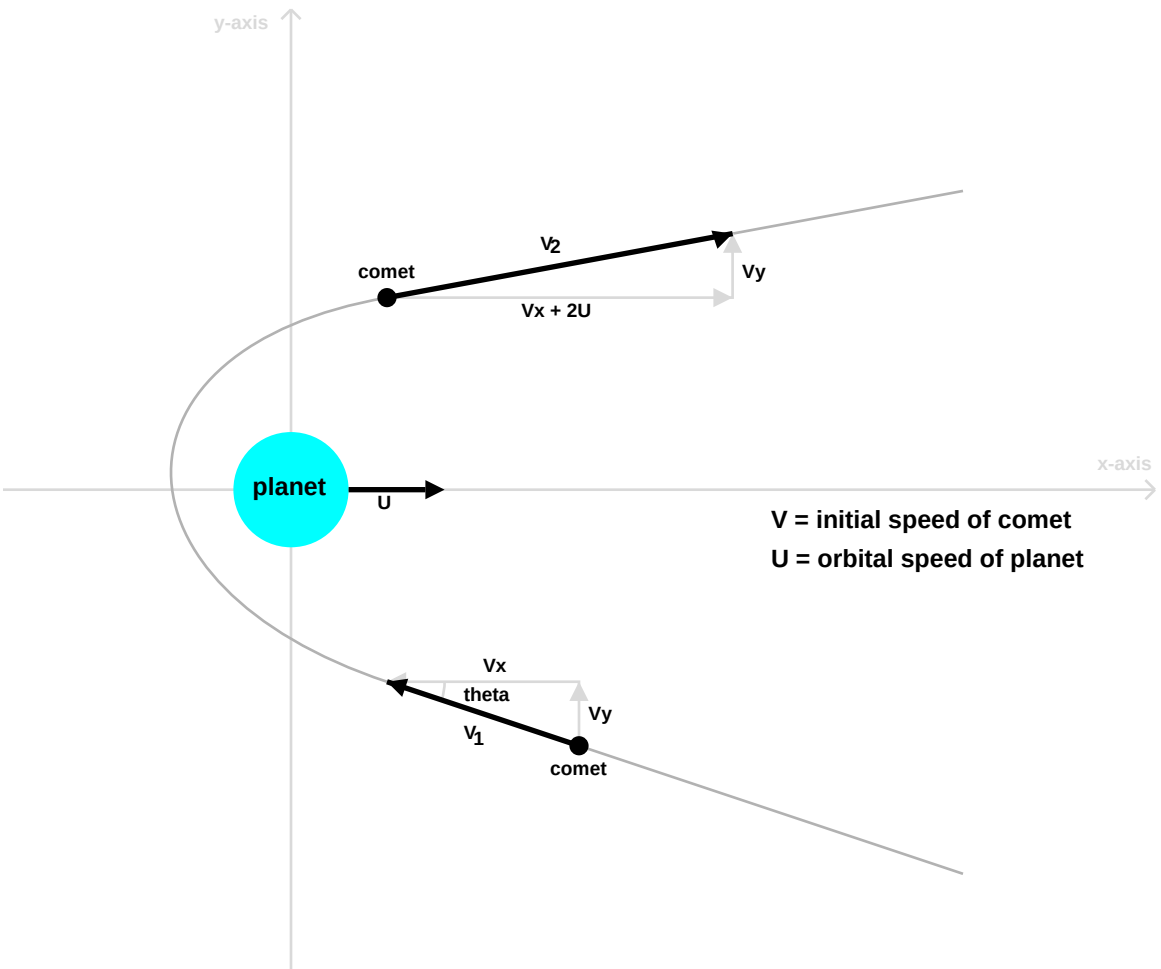
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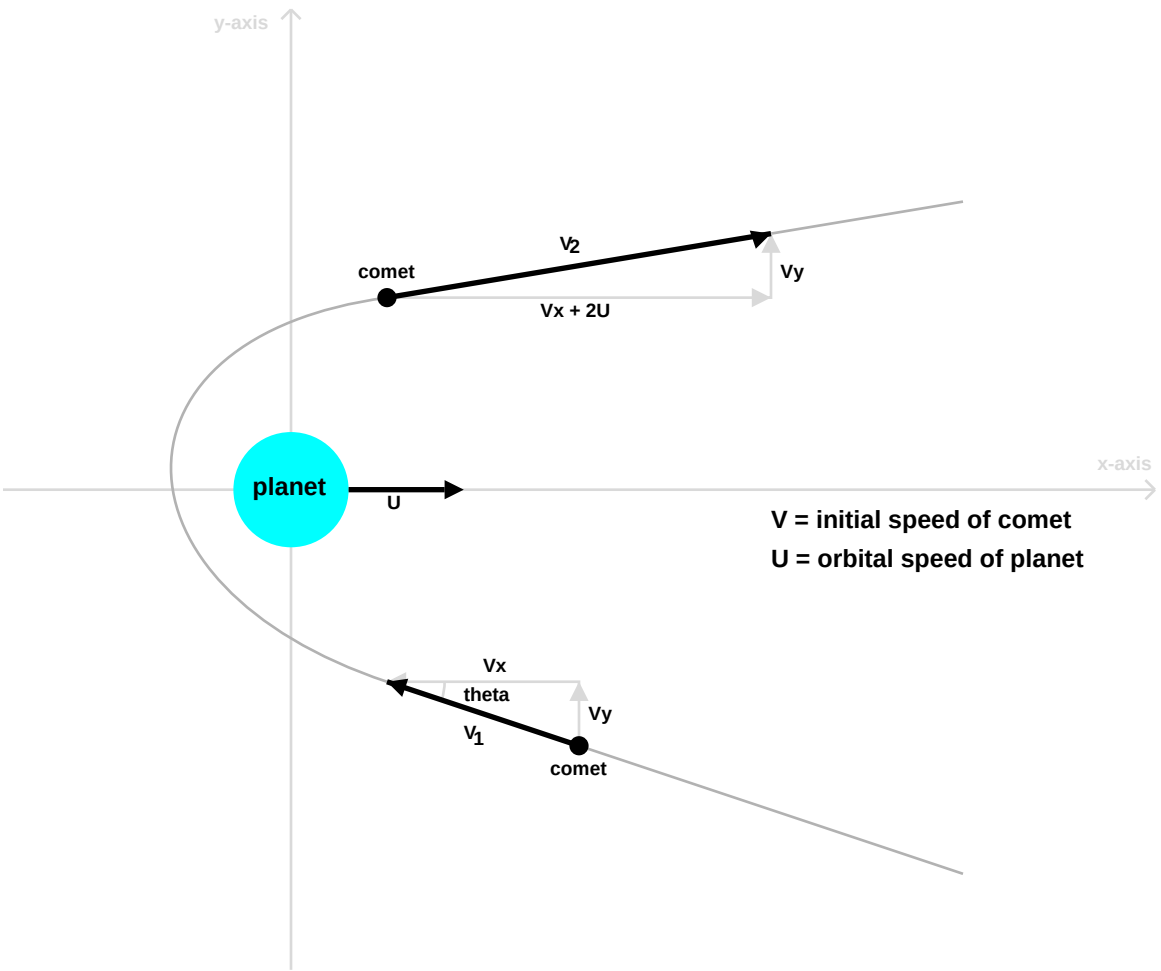
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