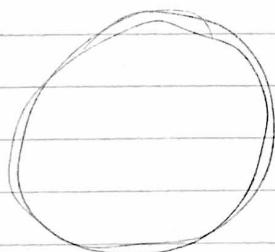


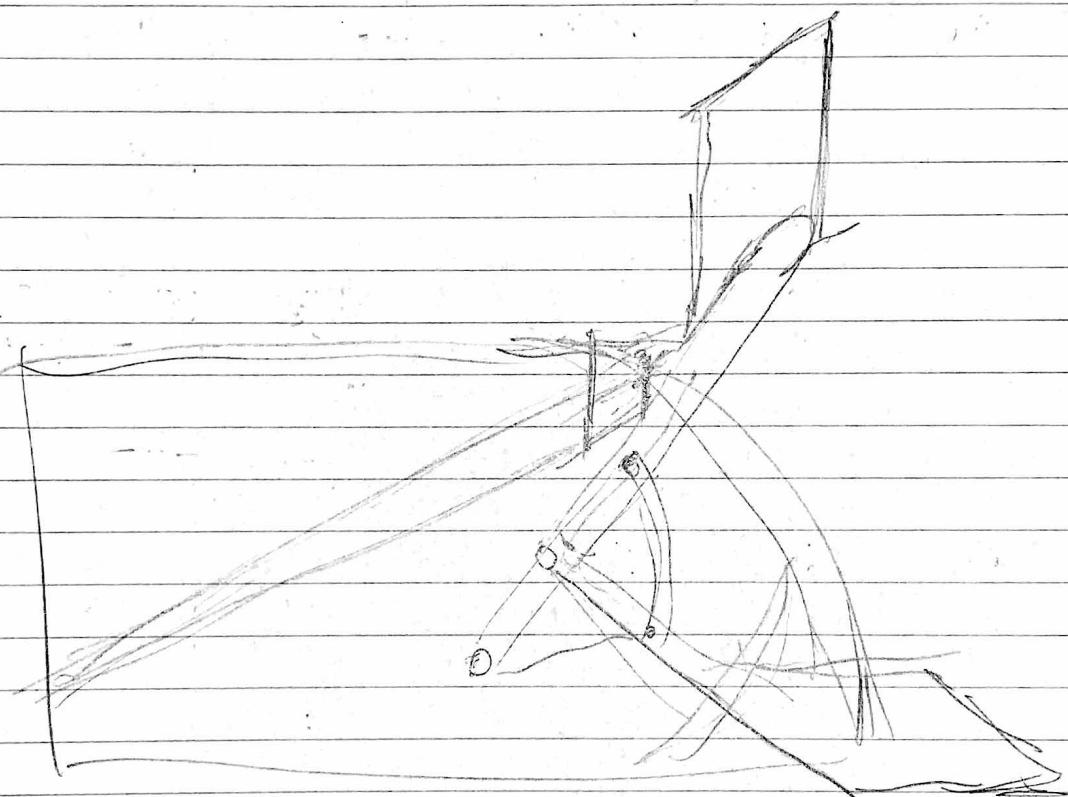
Large → Rover ← Small  
enough                          enough

Carry lots  
of Regolith

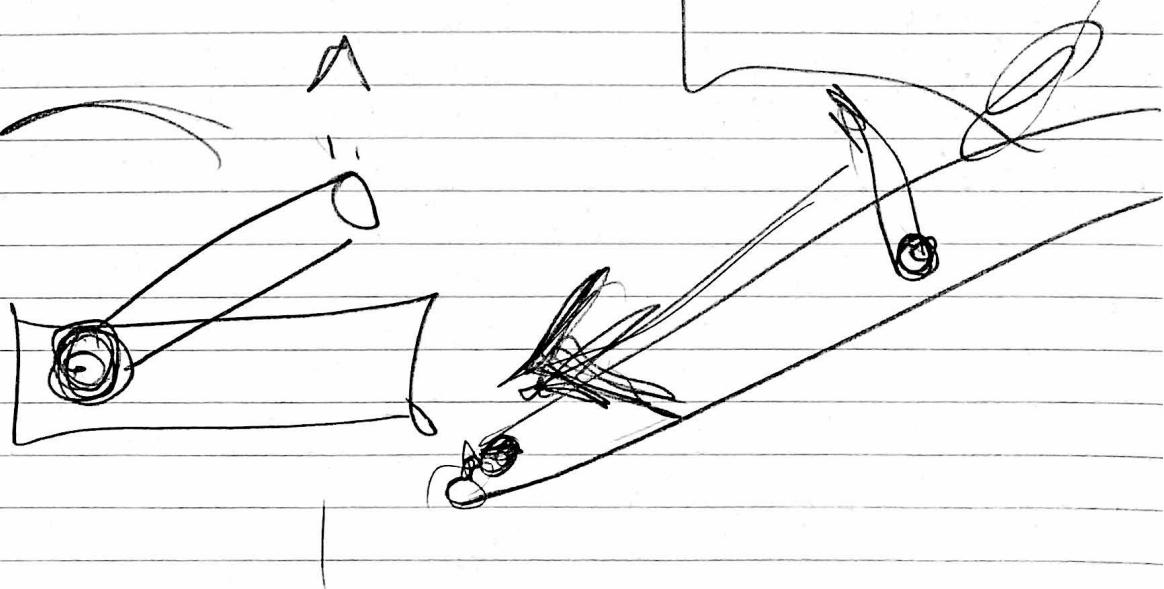
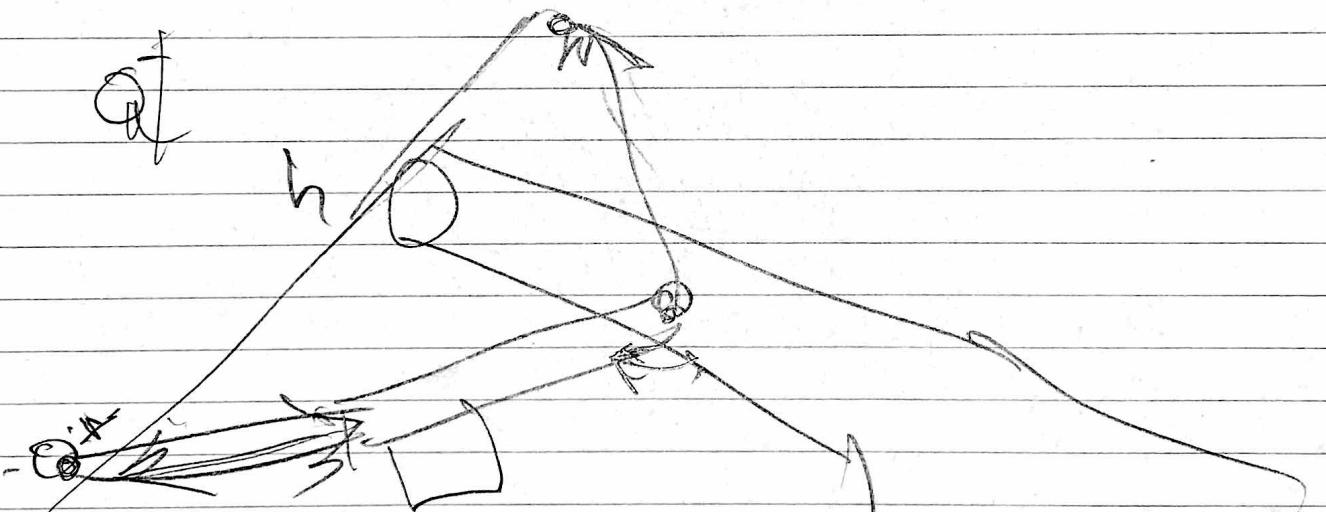
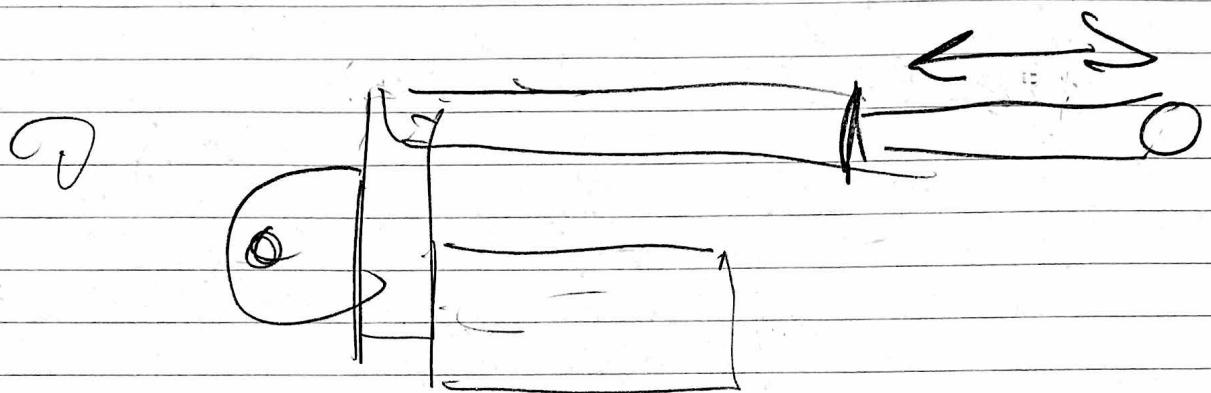
Transit Sphere  
Enough inertia  
to pick up  
regolith

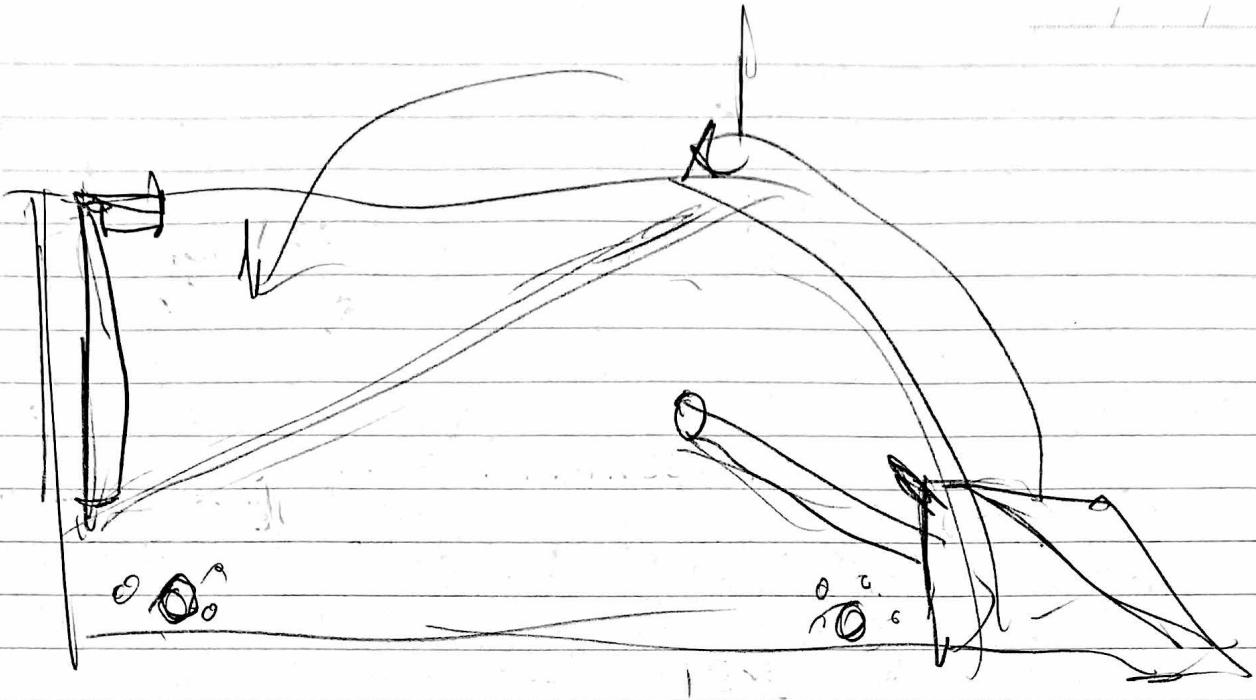


Easy to construct  
Not we too  
much power  
maneuverable



\* E Why concept generation is ~~imp~~





$$x + 3y - 2z = 4 \quad (*) \quad a_1 x_1 + a_2 x_2 + a_3 x_3 = d$$

$$\underline{a} + \lambda_1 \underline{v}_1 + \lambda_2 \underline{v}_2 = \underline{x}$$

$$\text{let } \lambda_1 = y, \lambda_2 = z$$

$$x = 4 - 3y + 2z = 4 - 3\lambda_1 + 2\lambda_2$$

$$\underline{x} = \begin{pmatrix} x \\ y \\ z \end{pmatrix} = \begin{pmatrix} 4 - 3\lambda_1 + 2\lambda_2 \\ 0 \\ 0 \end{pmatrix} = \begin{pmatrix} 4 \\ 0 \\ 0 \end{pmatrix} + \lambda_1 \begin{pmatrix} -3 \\ 1 \\ 0 \end{pmatrix} + \lambda_2 \begin{pmatrix} 2 \\ 0 \\ 1 \end{pmatrix}$$