**Harold’s Physics of Forces**

**“Cheat Sheet”**

19 April 2016

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| **The Classic Force on an Incline Problem** | | | |
| Diagram |  | | |
| **G**ivens | Mass  Degrees inclined from horizontal | | |
|  |  |  |
| Static coefficient of friction  (not moving) (0,1] | Kinetic coefficient of friction (moving) [0, 1) |  |
| **U**nknowns |  |  |  |
| Observations |  | | |
| **E**quations |  |  |  |
| Since : | Since : | Since : |
| **S**olve |  |  |  |
| **S**ubstitute |  |  |  |
| Box & Check Your Answer |  |  |  |