

**Approximations/assumptions: Swing is 2m long. Frames are 0.25s apart.**

1.



4.



2.



3.



**Summary of data, by measuring the angle of the rope in the frames:**

1.  $75^\circ$ , ascending slightly; 2.  $75^\circ$ , descending slightly; 3.  $67^\circ$ ; 4.  $49^\circ$ .