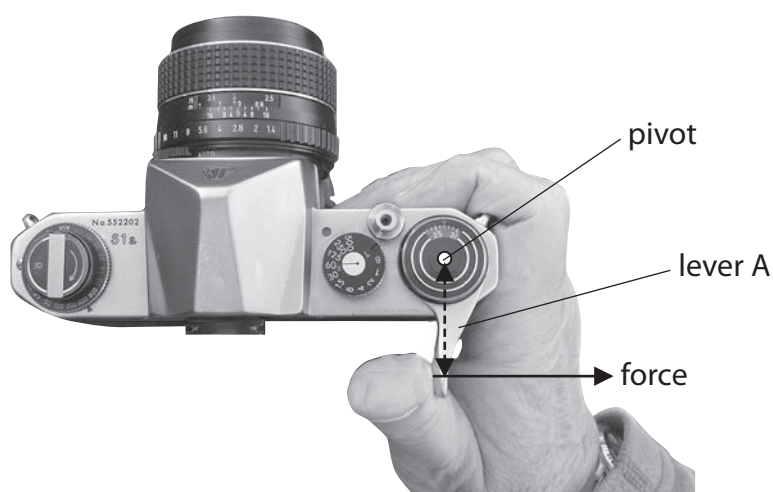


5 Photograph C shows a student using an old camera that uses film.



Photograph C

(a) The film is pulled through the camera using lever A.

The student pushes on lever A with a force of 7.0 N.

The force is applied 0.04 m from the pivot.

(i) State the equation linking moment, force and distance.

(1)

(ii) Calculate the moment of the force that turns lever A and give the unit.

(3)

Moment = unit



(b) When all the film has been used, it is pulled back through the camera using lever R.

