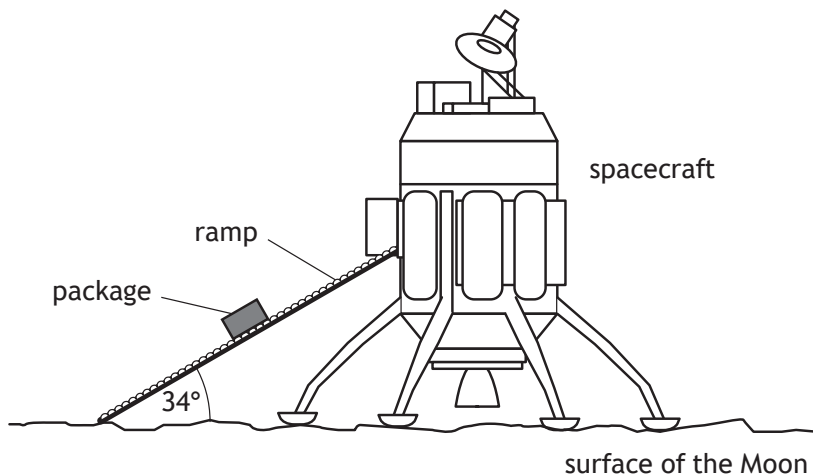


3. A spacecraft unloads cargo on the surface of the Moon.

The gravitational field strength on the Moon is 1.6 N kg^{-1} .



A package of mass 3.0 kg moves down the ramp.

The component of the weight of the package acting parallel to the ramp is:

- A 0.89 N
- B 2.7 N
- C 4.0 N
- D 4.8 N
- E 16 N .