

## Questions

1. A spanner 20 cm long is used to undo a nut against a maximum frictional torque of 20 Nm. What is the minimum force that must be applied to the spanner to undo the nut?

2. A wardrobe is 2 m high and 0,7 m wide. When empty it has a mass of 100 kg and its centre of gravity is 0,5 m above the centre of its base. What is the minimum angle through which it must be tipped before it will continue to fall by itself?

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