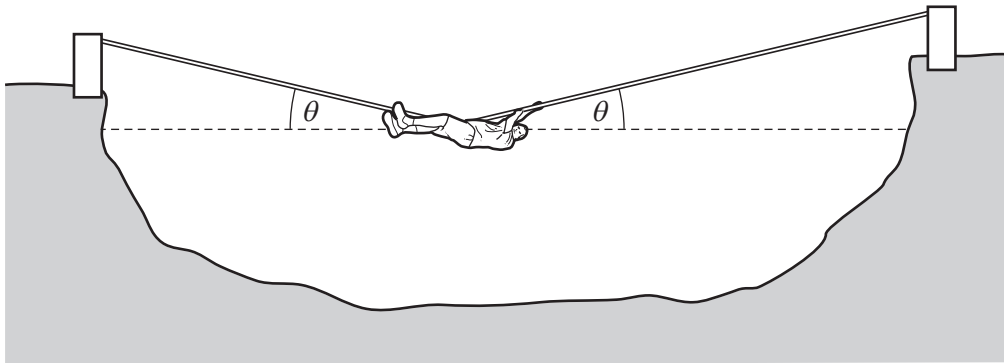


- 11 The diagram shows a rope bridge that a student makes on an adventure training course. The student has a weight W .



Which formula gives the tension T in the rope?

A $T = \frac{W}{2\cos\theta}$

B $T = \frac{W}{2\sin\theta}$

C $T = \frac{W}{\cos\theta}$

D $T = \frac{W}{\sin\theta}$

- 12 A spanner is used to tighten a nut as shown