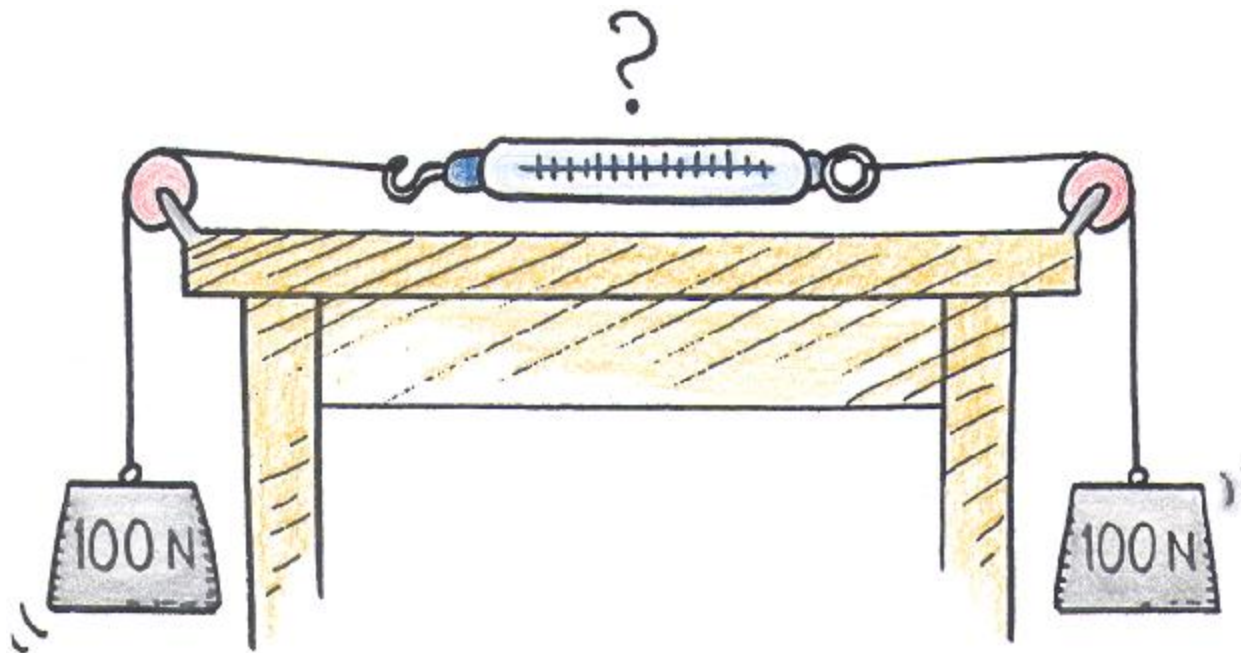


NEXT-TIME QUESTION

CONCEPTUAL Physics



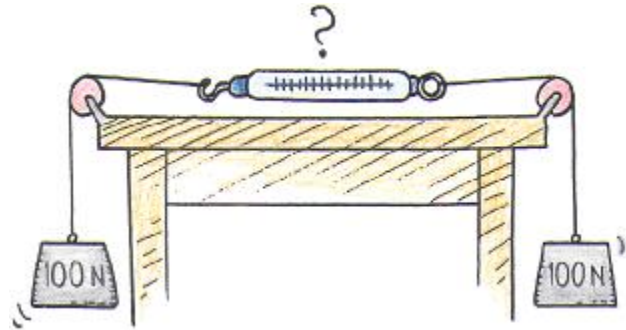
Does the scale read 100 N, 200 N, or zero?



ARBOR SCIENTIFIC
TOOLS THAT TEACH.

Hewitt
Drewitt!

NEXT-TIME QUESTION



Does the scale read 100 N, 200 N, or zero?

Answer: 100 N

Although the net force on the whole system is zero (as evidenced by no acceleration), the scale reading is 100 N the tension in the string. Note that the string tension is 100 N in all the positions shown.

