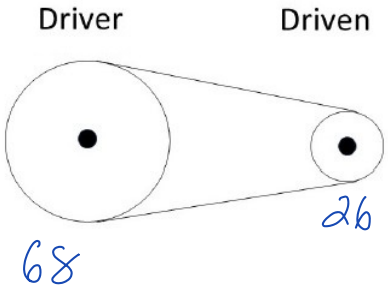
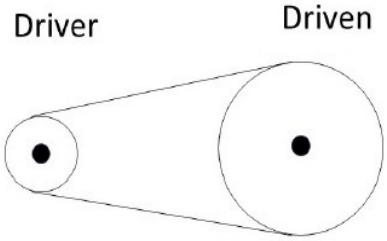
Name: Cédric T

For the system of sprockets pictured, when driver sprocket = 68 cm, driven sprocket = 26 cm, and the output torque is 92 N-m, what is the input torque (precision of 0.01)?



$\frac{26}{68} = \frac{92}{x}$

For the system of sprockets pictured, when driver sprocket = 6 cm, driven sprocket = 70 cm, and the output torque is 112 N-m, what is the input torque (precision of 0.01)?



$\frac{70}{6} = \frac{112}{x}$

Write ONLY answers below this line _____

SPRSet26

a: 240.62

b: 9.6