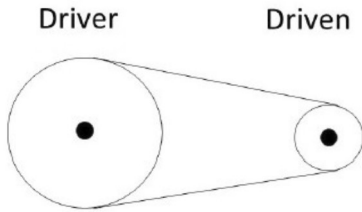


Name: Evan Bohlmann

For the system of sprockets pictured, when driver sprocket = 58 cm, driven sprocket = 8 cm, and the input speed is 82 rpm, what is the output speed (precision of 0.01)?

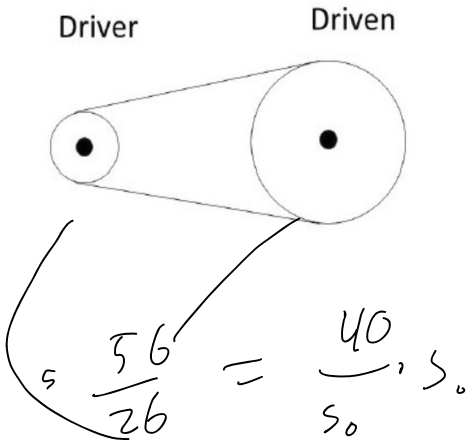


$$\frac{58}{8} = 7.25$$

$$7.25 \cdot 82$$

$$594.5$$

For the system of sprockets pictured, when driver sprocket = 26 cm, driven sprocket = 56 cm, and the input speed is 40 rpm, what is the output speed (precision of 0.01)?



$$\frac{26}{56} \cdot 40$$

Write ONLY answers below this line _____

SPRSet51

a: 594.5

b: 18.57