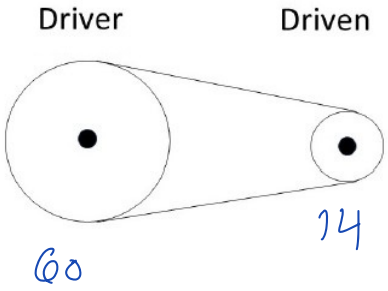
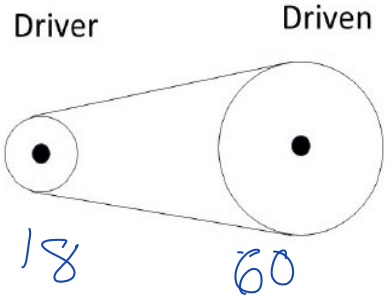
Name: Cédric T

For the system of sprockets pictured, when driver sprocket = 60 cm, driven sprocket = 14 cm, and the input speed is 62 rpm, what is the output speed (precision of 0.01)?



$\frac{14}{60} = \frac{62}{x}$

For the system of sprockets pictured, when driver sprocket = 18 cm, driven sprocket = 60 cm, and the input speed is 82 rpm, what is the output speed (precision of 0.01)?



$\frac{60}{18} = \frac{82}{x}$

Write ONLY answers below this line _____

SPRSet66

a: 265.71

b: 24.6