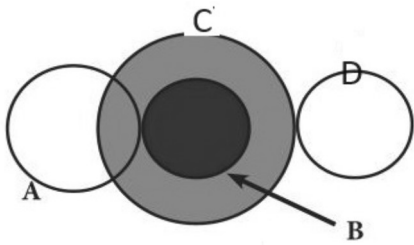


Name: _____

For the system of gears pictured, when gear A = 26 teeth, gear B = 10 teeth, gear C = 66 teeth, and gear D = 38 teeth, and the input speed is 62 rpm, what is the output speed (precision of 0.01)?

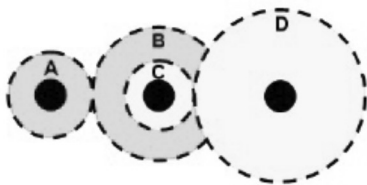


$$\frac{10}{26} \times \frac{38}{66} = \frac{62}{x}$$

$$x = 286.0$$

in
out

For the system of gears pictured, when gear A = 26 teeth, gear B = 62 teeth, gear C = 24 teeth, and gear D = 36 teeth, and the input speed is 68 rpm, what is the output speed (precision of 0.01)?



$$\frac{62}{26} \times \frac{36}{24} = \frac{68}{x}$$

$$x = 19.0$$

Write ONLY answers below this line _____

GRSSet63

a: 286.0

b: 19.0