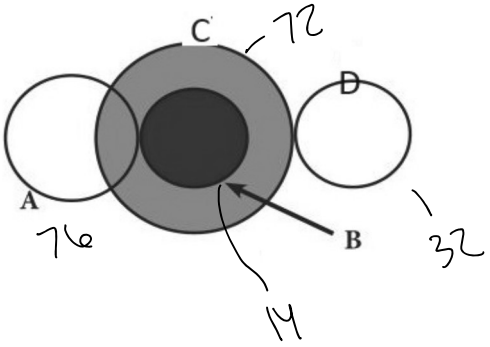
Name: Adin Shah

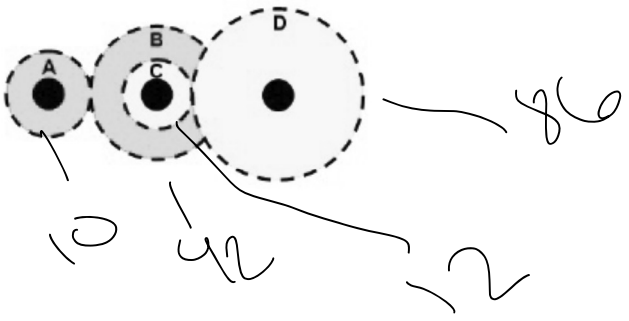
For the system of gears pictured, when gear A = 76 teeth, gear B = 14 teeth, gear C = 72 teeth, and gear D = 32 teeth, and the input torque is 88 N-m, what is the output torque (precision of 0.01)?



$\frac{14}{76} \cdot \frac{32}{72} = \frac{X}{88} =$

7.20

For the system of gears pictured, when gear A = 10 teeth, gear B = 42 teeth, gear C = 12 teeth, and gear D = 86 teeth, and the input torque is 88 N-m, what is the output torque (precision of 0.01)?



$\left(\frac{42}{10} \cdot \frac{86}{12}\right) 88 = 2648$

Write ONLY answers below this line _____

GRSSet23

a: 7.20

b: 2648