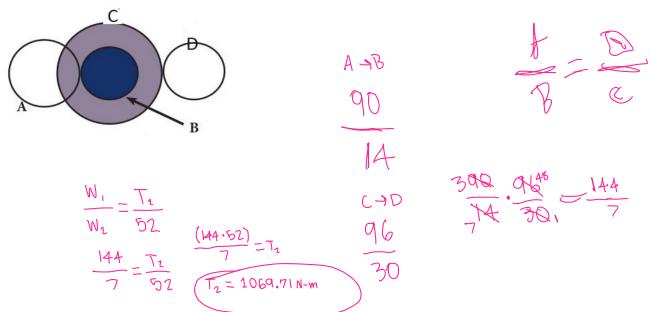
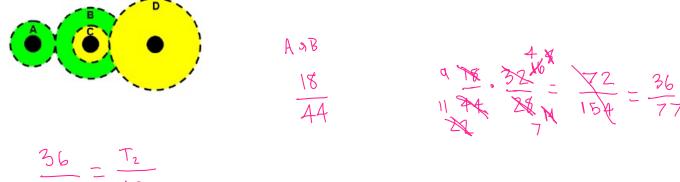


For the system of gears pictured, when gear A = 90 teeth, gear B = 14 teeth, gear C = 96 teeth, and gear D = 30 teeth, and the input torque is 52 N-m, what is the output torque (precision of 0.01)?



For the system of gears pictured, when gear A = 18 teeth, gear B = 44 teeth, gear C = 32 teeth, and gear D = 28 teeth, and the input torque is 40 N-m, what is the output torque (precision of 0.01)?



$$\frac{(36.40)}{77} = T_2$$

$$\frac{(38.70 \text{ N-m})}{18.70 \text{ N-m}} = T_2$$

Write ONLY answers below this line \_\_\_\_\_

## GRSSet27

a: 1069.71

b: 18.70