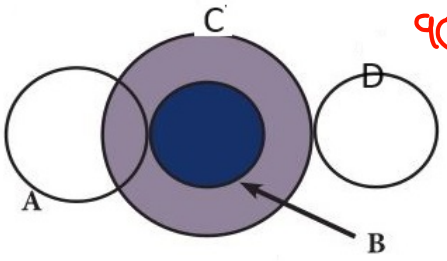
Name: Raj Dhillon

For the system of gears pictured, when gear A = 94 teeth, gear B = 18 teeth, gear C = 20 teeth, and gear D = 38 teeth, and the input speed is 90 rpm, what is the output speed (precision of 0.01)?

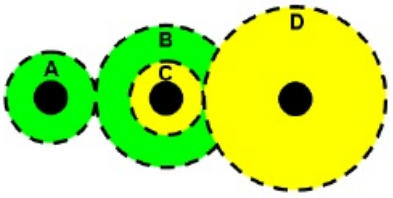



90.

$\frac{x}{90} = \frac{18}{94} \times \frac{38}{20}$ ·90

$= 32.74$

For the system of gears pictured, when gear A = 4 teeth, gear B = 56 teeth, gear C = 26 teeth, and gear D = 56 teeth, and the input speed is 46 rpm, what is the output speed (precision of 0.01)?




46.

$\frac{x}{46} = \frac{4}{56} \times \frac{26}{56}$ ·46

$x = 1.53$

Write ONLY answers below this line _____

GRSSet55

a: 32.74

b: 1.53