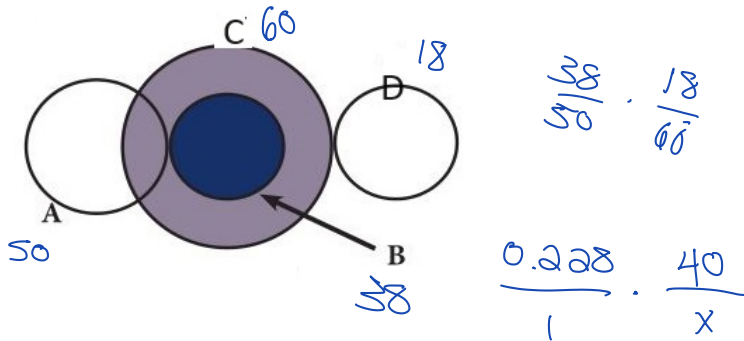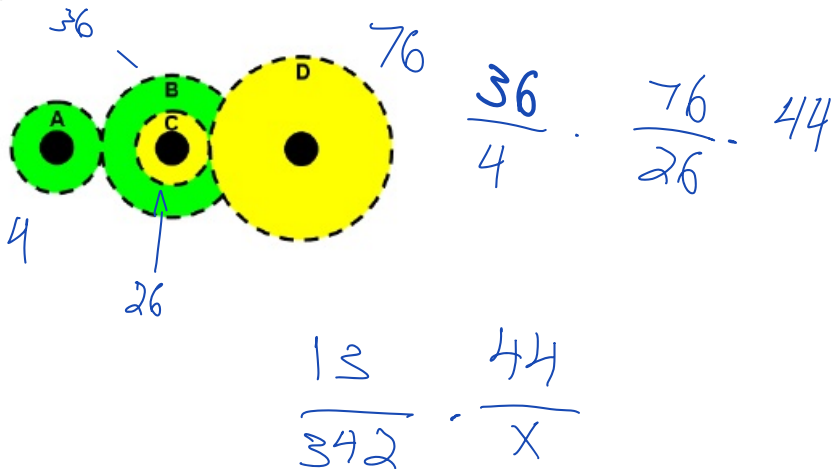Name: Cédric

For the system of gears pictured, when gear A = 50 teeth, gear B = 38 teeth, gear C = 60 teeth, and

gear D = 18 teeth, and the input speed is 40 rpm, what is the output speed (precision of 0.01)?

C 60

18

D

$$\frac{38}{50} \cdot \frac{18}{60}$$

A
50

B
38

$$\frac{0.228}{1} \cdot \frac{40}{X}$$

For the system of gears pictured, when gear A = 4 teeth, gear B = 36 teeth, gear C = 26 teeth, and

gear D = 76 teeth, and the input speed is 44 rpm, what is the output speed (precision of 0.01)?

36

76

B
A
C
D

$$\frac{36}{4} \cdot \frac{76}{26} \cdot 44$$

4

26

$$\frac{13}{342} \cdot \frac{44}{X}$$

Write ONLY answers below this line _____

GRSSet66

a: 175.44

b: 1.67