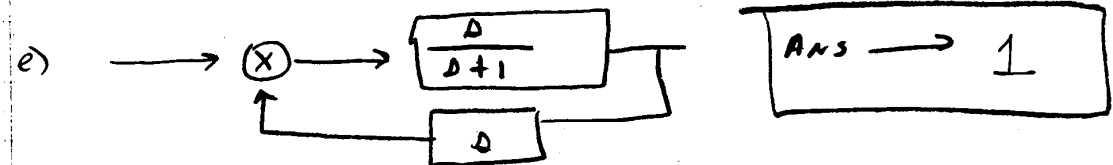
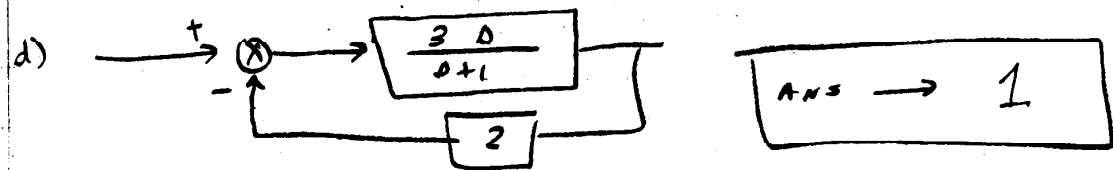
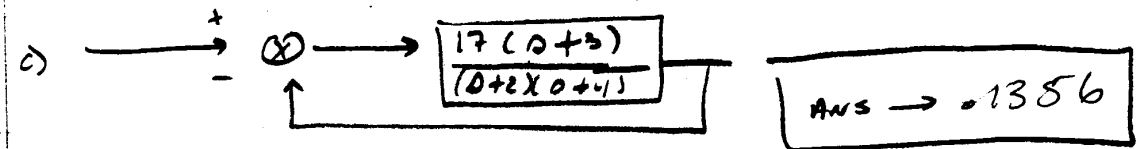
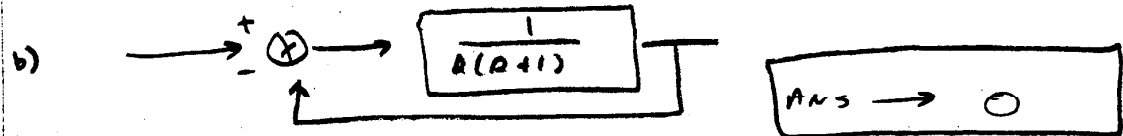
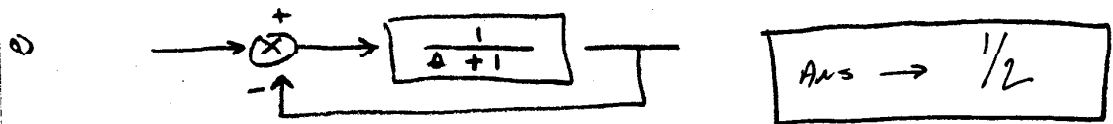


KEY

ECE 365 Q 8 03/21/00

Find the SSE due to a step input for each of the following systems:



Name:

Honor Code:

$$d) \frac{\frac{3s}{s+1}}{1 + 2 \cdot \frac{3s}{s+1}} = \frac{3s}{s+1+6s} = \frac{3s}{7s+1}$$

$$e) \frac{\frac{s}{s+1}}{1 + s \cdot \frac{s}{s+1}} = \frac{s}{s+1+s^2}$$