For each BJT below, indicate if they are biased in a common emitter, common base, or common collector configuration.

Draw the small ac equivalent circuits for all amplifiers using the full hybrid-\( y \) model, i.e., including the effects of \( R_o, C_W, C_L \) and the box resistance \( R_X \), as shown below.

Include the coupling and bypassing capacitor in your small ac signal equivalent circuit.
Configuration is CE, CB, or CC? Click correct answer

Small ac signal equivalent circuit
Configuration is CE, CB, CC (circle correct answer)

Small AC equivalent circuit
Configuration is CE, CB, or CC
(Correct answer)

- Voltage sources at +5V and -5V
- Resistor R_L = 10 kΩ
- Capacitors C1 and C2
- AC equivalent circuit
Configuration is CE, CB, CC
Circle correct answer

Small AC equivalent circuit