Respiratory Regulation of blood pH

What will hypoventilation do to blood CO2? __________________________

What will that do to blood pH? _________________________________

What will hyperventilation do to blood CO2? __________________________

What will that do to blood pH? _________________________________

Stimulus = respiratory acidosis

What sensors detect the change in blood pH? ________________________________

What is the integrating center that responds? ________________________________

What happens to minute ventilation in response? ________________________________

Stimulus = respiratory alkalosis

(same sensors and integrating center)

What happens to minute ventilation in response? ________________________________