

# Regulation of blood pressure

## Stimulus = BP is too high:

Sensor = heart baroreceptors



Heart secretes \_\_\_\_\_



Kidney response to that is:

which causes:

\_\_\_\_\_ water reabsorption

\_\_\_\_\_ urine output

\_\_\_\_\_ blood volume

\_\_\_\_\_ blood pressure

Sensor = aortic arch & carotid artery baroreceptors

Integrating center = \_\_\_\_\_,

which stimulates a \_\_\_\_\_ response.

Heart response is:

Systemic arteriole response is:

\_\_\_\_\_ heart rate \_\_\_\_\_

both of which \_\_\_\_\_ blood pressure