

Name: .....

**Fill in the blanks.**

The hypothalamus produces thyrotropin releasing hormone (TRH) which is released into the blood vessels of the ..... . The TRH causes the ..... pituitary to release ....., which targets the thyroid gland.

The ..... produces GnRH (.....) which travels via the ..... to the ..... , which releases FSH (.....) and LH (.....) in response. These hormones target the gonads.

The hypothalamus produces ..... which is released into the blood vessels of the ..... This causes the anterior pituitary to release ACTH (.....), which targets the adrenal cortex.

**Fill in the table linking the releasing hormone/factor from the hypothalamus to the response from the anterior pituitary.**

Hypothalamus	Anterior Pituitary
Prolactin Releasing Hormone (PRH)	
	Growth Hormone