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 |