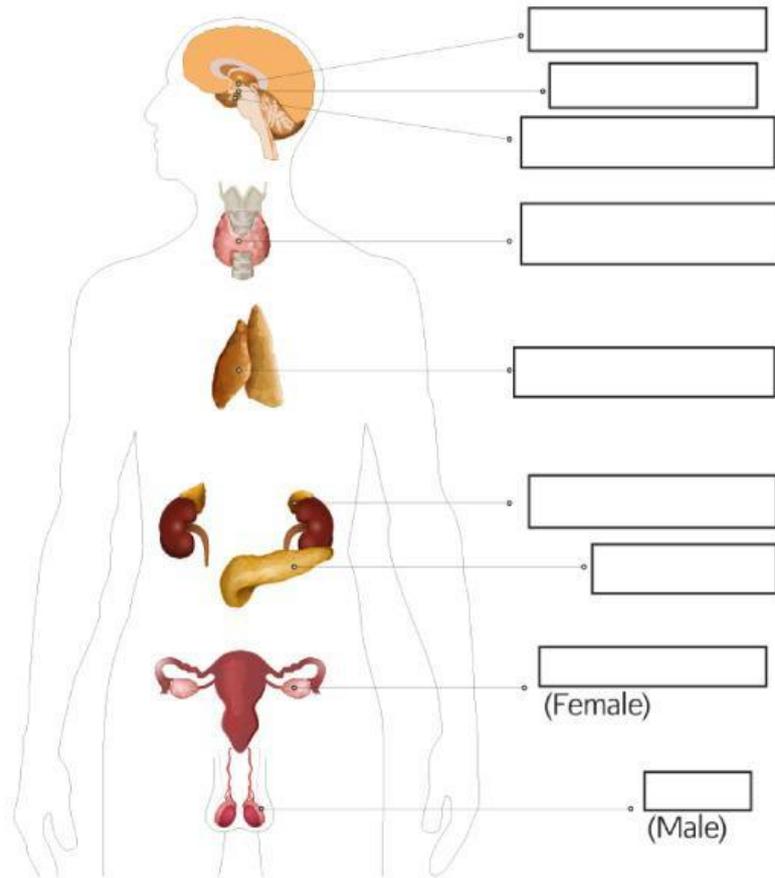


Endocrine System Worksheet

1. What is the function of the endocrine system?
2. What is a hormone?
3. How does the negative-feedback mechanism work?
4. How do the hormones released by the endocrine glands get around the body?
5. Two of the hormones secreted by the pancreas are insulin and glucagon. These hormones work together to maintain a balanced blood sugar level. How do they do that?

6. Label the following diagram of the endocrine system with the words in the box.



Adrenal glands	Pancreas	Testes
Hypothalamus	Pineal gland	Thymus
Ovary glands	Pituitary gland	Thyroid

8. Match the functions described in column B with the endocrine gland listed in column A.

Column A

Hypothalamus _____

Pituitary _____ , _____

Thyroid _____ , _____

Thymus _____

Adrenals _____

Pancreas _____ , _____

Ovaries _____

Testes _____

Parathyroids _____

Column B

1. produces male sex characteristics
2. decreases blood sugar level
3. increases heart and breathing rate, raises blood pressure
4. produces female sex characteristics
5. increases blood sugar level
6. regulates the level of calcium and phosphorus
7. increases rate of metabolism
8. maintains the level of calcium and phosphorus in the blood
9. development of immune system
10. stimulates skeletal growth
11. regulates the activities of other glands
12. stimulates development of male and female sex organs