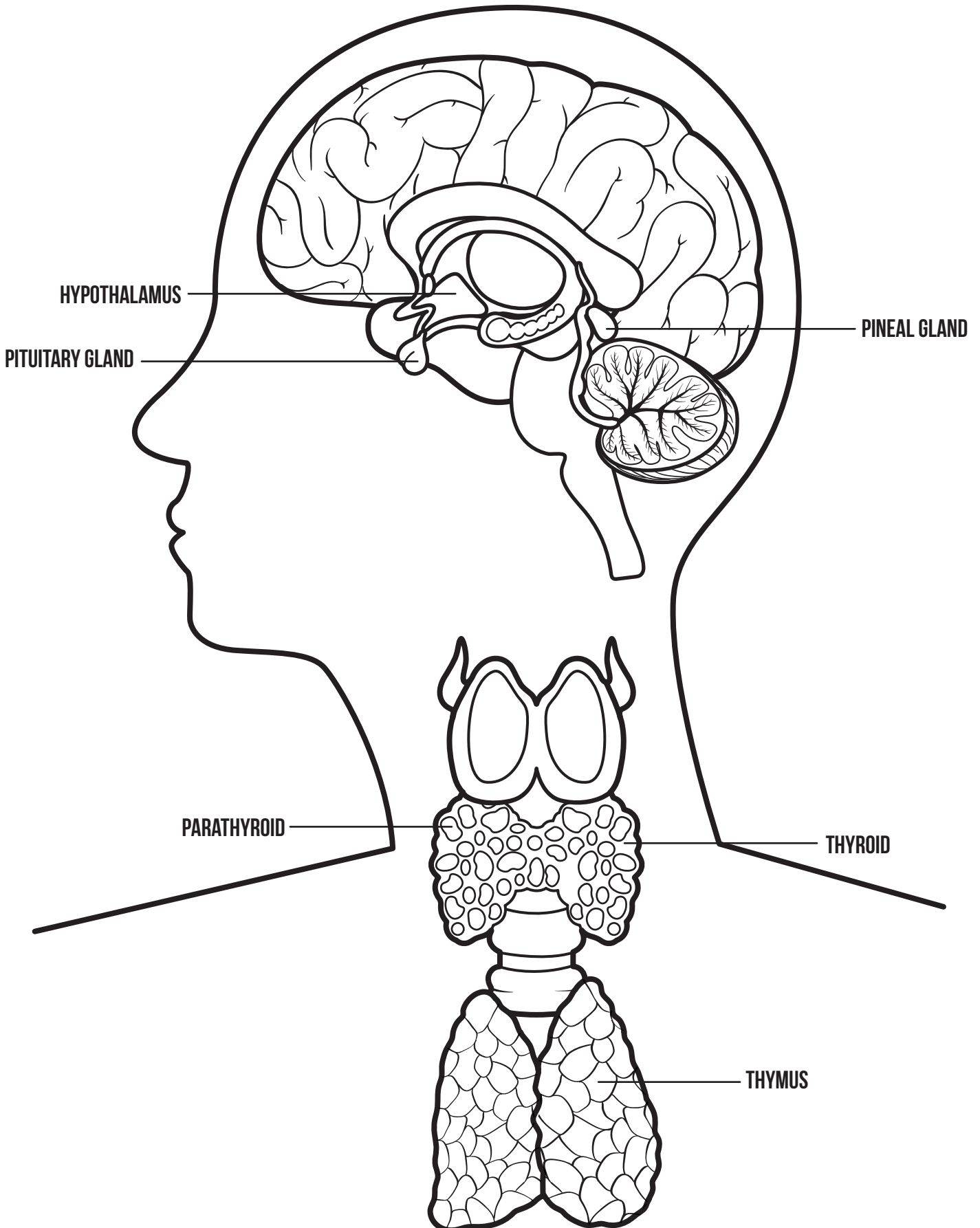


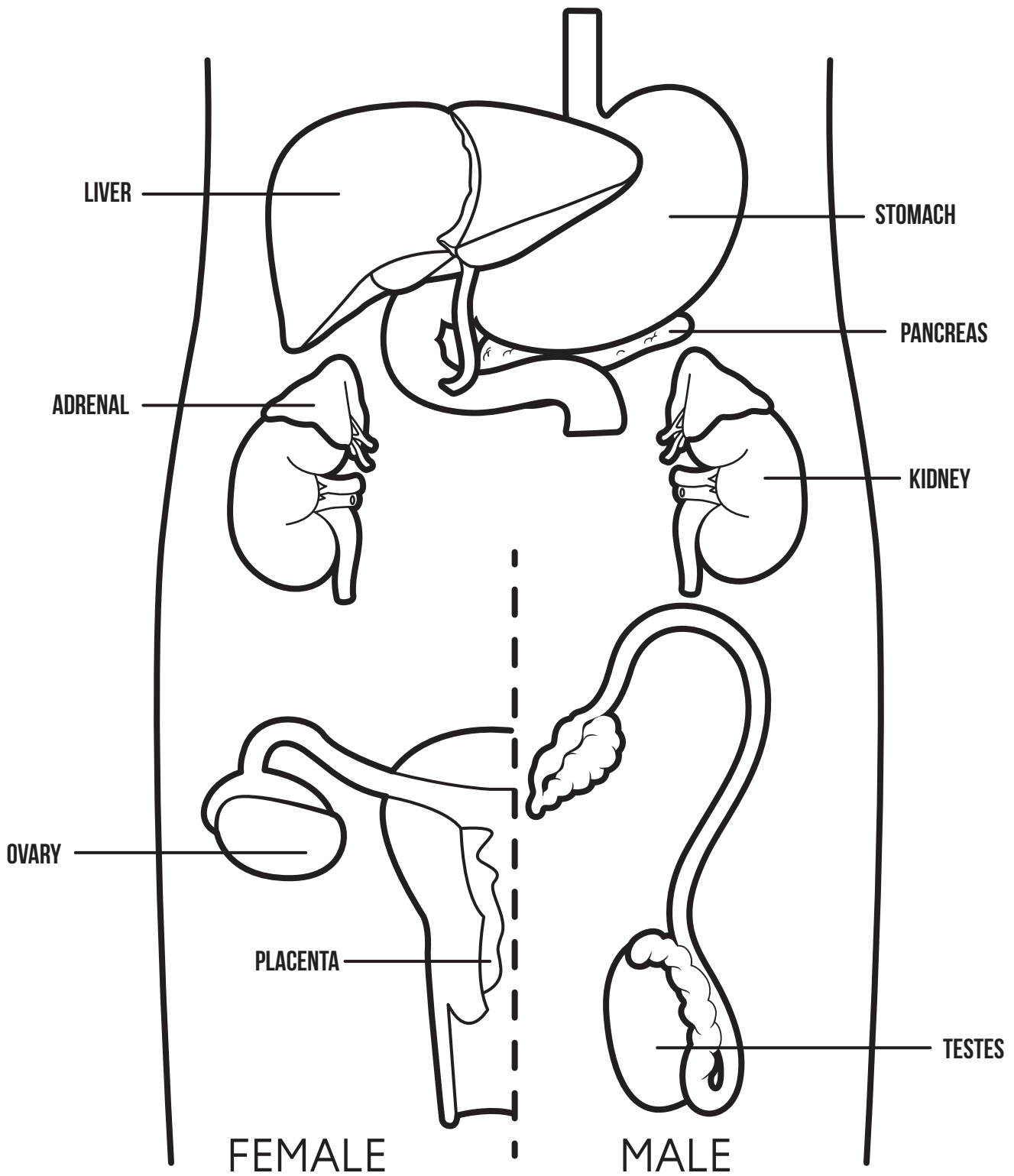
ENDOCRINE SYSTEM

Diagram



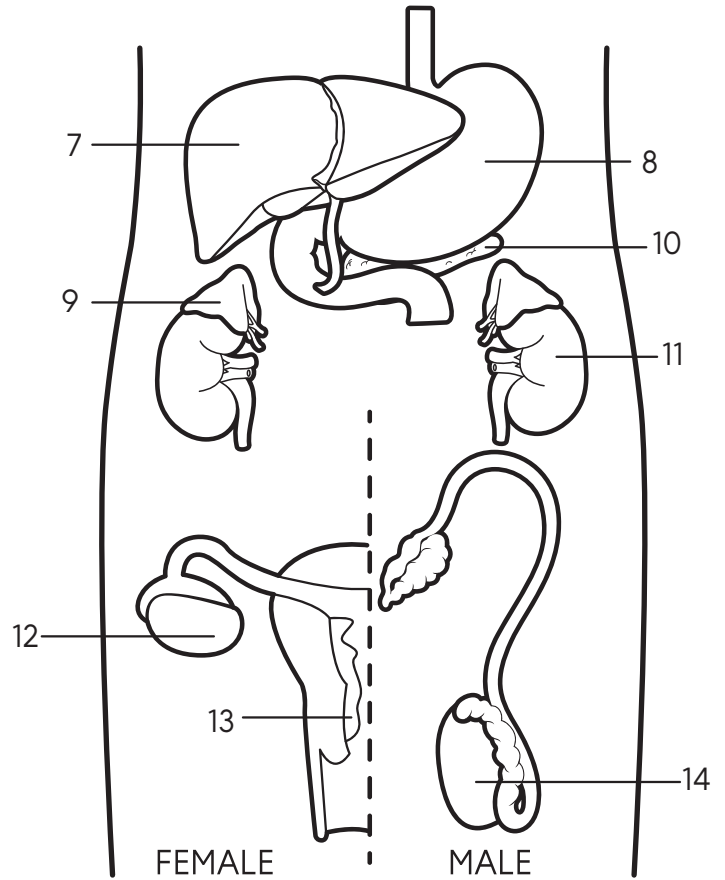
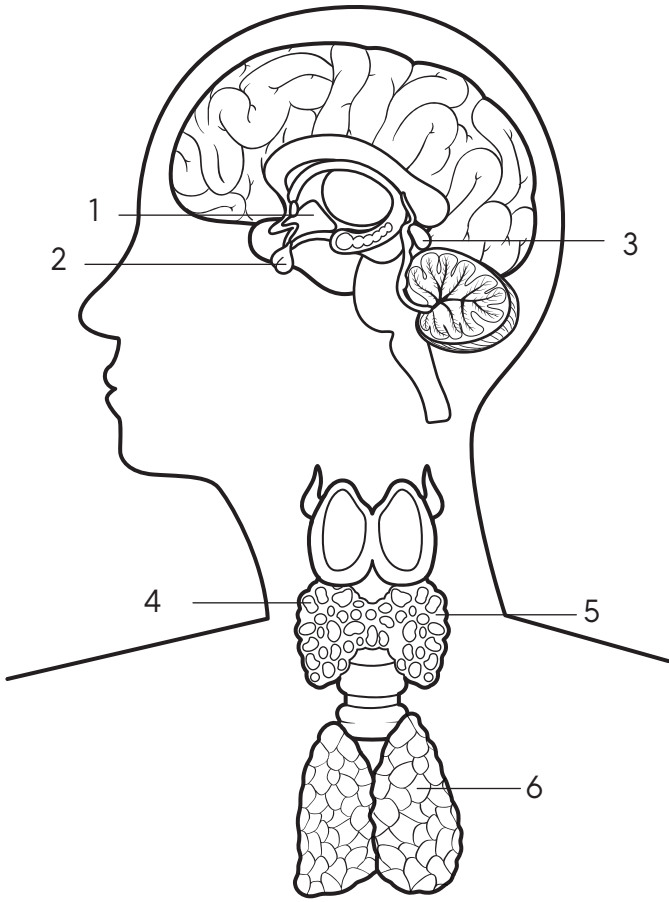
ENDOCRINE SYSTEM

Diagram



ENDOCRINE SYSTEM

Labeling Activity



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

Word Bank

hypothalamus parathyroid pineal gland ovary placenta testes pancreas
pituitary gland thyroid liver adrenal kidney stomach thymus

ENDOCRINE SYSTEM

Parts and Functions

ENDOCRINE SYSTEM PARTS	FUNCTIONS
hypothalamus	The hypothalamus controls the endocrine system by sending signals to the pituitary gland. It helps regulate body temperature, hunger, thirst, and sleep.
pituitary gland	The pituitary gland is often called the "master gland," it releases hormones that control growth, metabolism, stress response, and other endocrine glands.
pineal gland	The pineal gland releases melatonin, which helps regulate sleep-wake cycles.
parathyroid	The parathyroid gland helps regulate calcium levels in the blood by releasing parathyroid hormone when calcium levels are low.
thyroid	The thyroid gland makes two important hormones called T3 and T4, which help control metabolism, energy levels, and overall growth.
thymus	The thymus produces and matures T-cells, which help fight infections.
adrenal	The adrenal gland releases hormones like adrenaline and cortisol, which help control stress response, metabolism, and blood pressure.
liver	The liver processes nutrients, detoxifies harmful substances, and produces bile for digestion. It also helps regulate blood sugar by storing and releasing glucose.
ovary	The ovary produces female reproductive hormones like estrogen, progesterone, and eggs for reproduction.
stomach	The stomach produces gastric juices for digestion and releases hormones like gastrin that help regulate digestion.
pancreas	The pancreas makes hormones like insulin and glucagon to regulate blood sugar levels. It also produces digestive enzymes to help break down food.
kidney	The kidney filters waste from the blood regulates fluid balance and produces hormones like erythropoietin, which stimulates red blood cell production.
placenta	The placenta gives oxygen and nutrients to a developing fetus, removes waste, and produces hormones to support pregnancy.
testes	The testes produce male reproductive hormones mainly testosterone and sperm for reproduction.

ENDOCRINE SYSTEM

Word Search

Directions: Find all the hidden words related to the endocrine system in the letter grid.



LIVER

HYPOTHALAMUS

PITUITARY

PINEAL

PARATHYROID

THYROID

THYMUS

ADRENAL

OVARY

STOMACH

PANCREAS

KIDNEY

PLACENTA

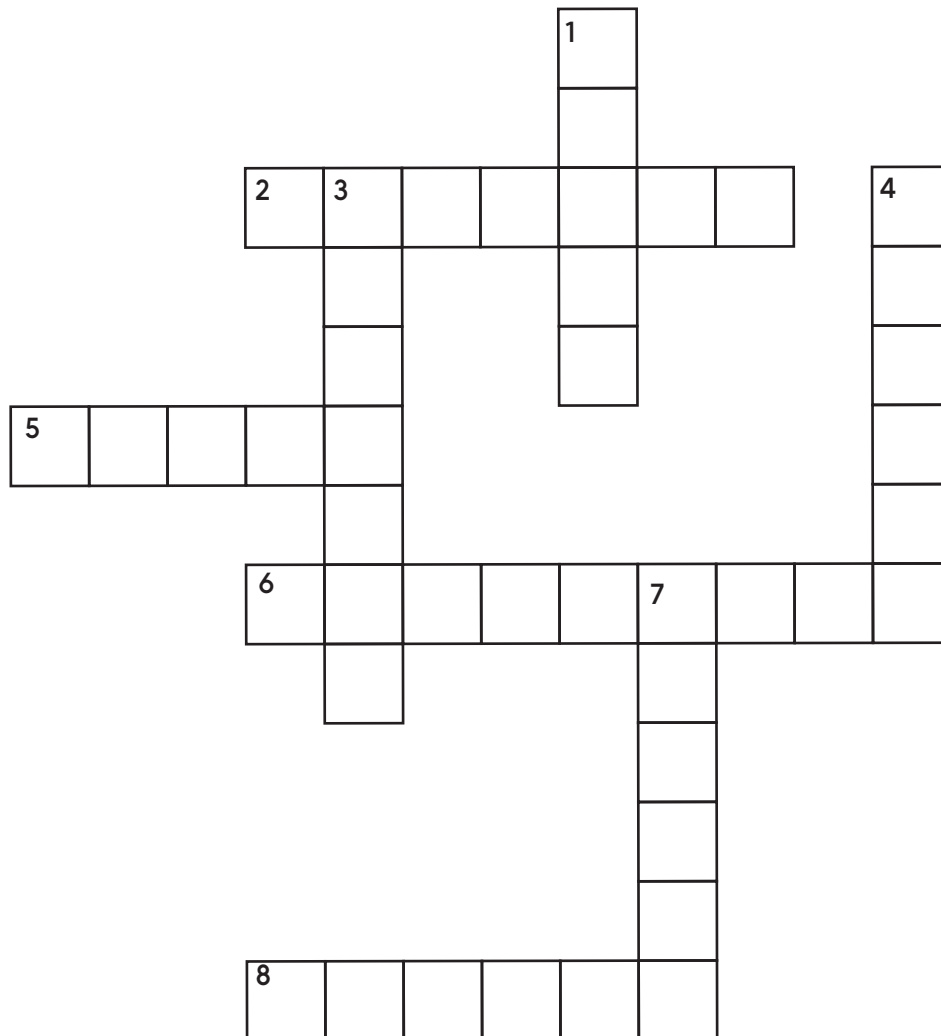
TESTES

ENDOCRINE

ENDOCRINE SYSTEM

Word Puzzle

Directions: Read each clue carefully and fill in the correct word in the crossword grid.



ACROSS

2. ____ produces gastric juices for digestion and releases hormones like gastrin that help regulate digestion.
5. ____ processes nutrients, detoxifies harmful substances, and produces bile for digestion. It also helps regulate blood sugar by storing and releasing glucose.
6. ____ gland is often called the "master gland," it releases hormones that control growth, metabolism, stress response, and other endocrine glands.
8. ____ produce male reproductive hormones mainly testosterone and sperm for reproduction.

DOWN

1. ____ produces female reproductive hormones like estrogen, progesterone, and eggs for reproduction.
3. ____ makes two important hormones called T3 and T4, which help control metabolism, energy levels, and overall growth.
4. ____ filters waste from the blood regulates fluid balance and produces hormones like erythropoietin, which stimulates red blood cell production.
7. ____ produces and matures T-cells, which help fight infections.

ENDOCRINE SYSTEM

Word Search

Directions: Find all the hidden words related to the endocrine system in the letter grid.



LIVER

HYPOTHALAMUS

PITUITARY

PINEAL

PARATHYROID

THYROID

THYMUS

ADRENAL

OVARY

STOMACH

PANCREAS

KIDNEY

PLACENTA

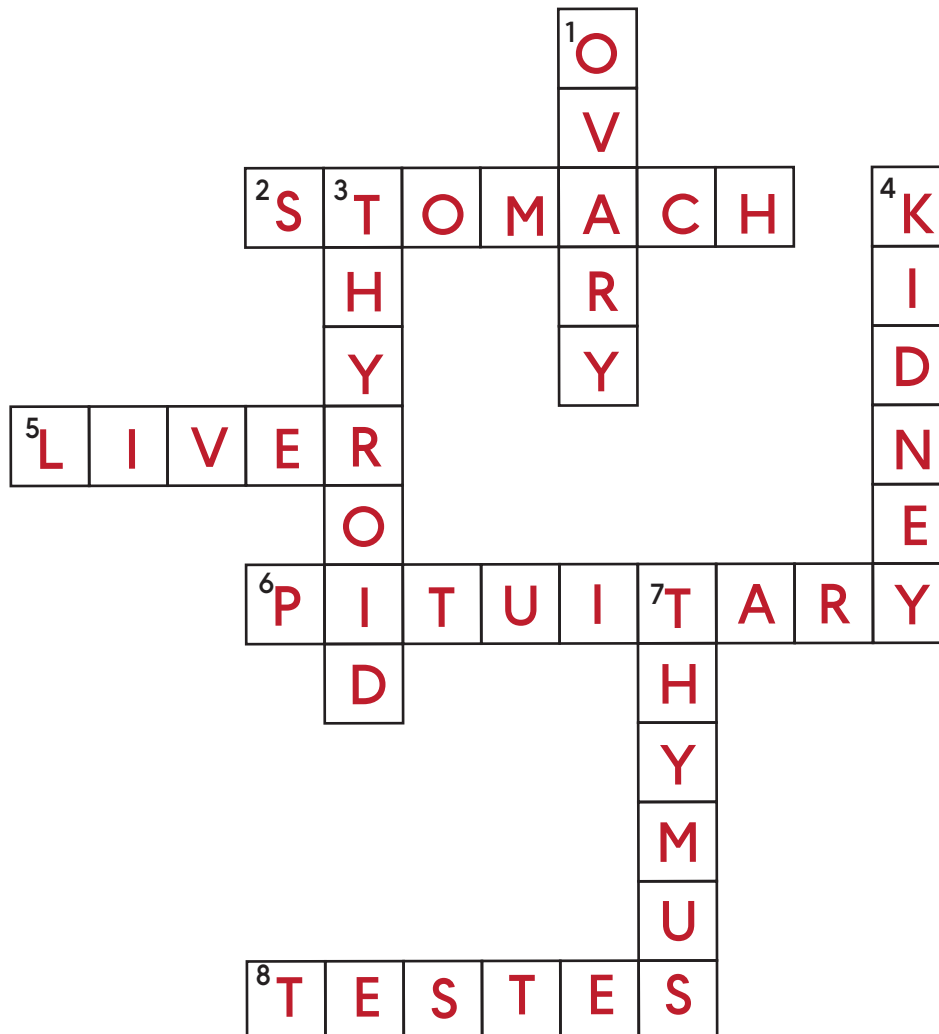
TESTES

ENDOCRINE

ENDOCRINE SYSTEM

Word Puzzle

Directions: Read each clue carefully and fill in the correct word in the crossword grid.



ACROSS

2. _____ produces gastric juices for digestion and releases hormones like gastrin that help regulate digestion.
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DOWN

1. _____ produces female reproductive hormones like estrogen, progesterone, and eggs for reproduction.
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4. _____ filters waste from the blood regulates fluid balance and produces hormones like erythropoietin, which stimulates red blood cell production.
7. _____ produces and matures T-cells, which help fight infections.

ENDOCRINE SYSTEM

Fill in the banks

Directions: Fill in the blanks with the correct terms from the word bank. Each word is used only once.

1. The _____ controls the endocrine system by sending signals to the pituitary gland. It helps regulate body temperature, hunger, thirst, and sleep.
2. The _____ gland releases hormones like adrenaline and cortisol, which help control stress response, metabolism, and blood pressure.
3. The pancreas makes hormones like _____ and _____ to regulate blood sugar levels.
4. The parathyroid gland helps regulate _____ levels in the blood by releasing parathyroid hormone when calcium levels are low.
5. The _____ gives oxygen and nutrients to a developing fetus, removes waste, and produces hormones to support pregnancy.
6. The thyroid gland makes two important hormones called _____ and _____, which help control metabolism, energy levels, and overall growth.
7. The pineal gland releases _____, which helps regulate sleep-wake cycles.
8. The _____ produces gastric juices for digestion and releases hormones like gastrin that help regulate digestion.

Word Bank

hypothalamus

placenta

melatonin

calcium

adrenal

stomach

glucagon

insulin

T3 T4

ENDOCRINE SYSTEM

Fill in the banks

Directions: Fill in the blanks with the correct terms from the word bank. Each word is used only once.

1. The hypothalamus controls the endocrine system by sending signals to the pituitary gland. It helps regulate body temperature, hunger, thirst, and sleep.
2. The adrenal gland releases hormones like adrenaline and cortisol, which help control stress response, metabolism, and blood pressure.
3. The pancreas makes hormones like insulin and glucagon to regulate blood sugar levels.
4. The parathyroid gland helps regulate calcium levels in the blood by releasing parathyroid hormone when calcium levels are low.
5. The placenta gives oxygen and nutrients to a developing fetus, removes waste, and produces hormones to support pregnancy.
6. The thyroid gland makes two important hormones called T3 and T4, which help control metabolism, energy levels, and overall growth.
7. The pineal gland releases melatonin, which helps regulate sleep-wake cycles.
8. The stomach produces gastric juices for digestion and releases hormones like gastrin that help regulate digestion.

Word Bank

hypothalamus

placenta

melatonin

calcium

adrenal

stomach

glucagon

insulin

T3 T4

ENDOCRINE SYSTEM

WORD SCRAMBLE

Directions: Unscramble each set of jumbled letters to form the correct word related to the endocrine system.

RATHPARYIOD

TIPUITRAY

IPNAEL

OPHYTHAALMSU

VAORY

OTSMAHC

NAPCRAES

ILVER

HYTROID

HTYSUM

DAERNAL

DIKENY

APLENCTA

SSETTE

ENDOCRINE SYSTEM

WORD SCRAMBLE

Directions: Unscramble each set of jumbled letters to form the correct word related to the endocrine system.

RATHPARYIOD

PARATHYROID

TIPUITRAY

PITUITARY

IPNAEL

PINEAL

OPHYTHAALMSU

HYPOTHALAMUS

VAORY

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OTSMAHC

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HTYSUM

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SSETTE

TESTES
