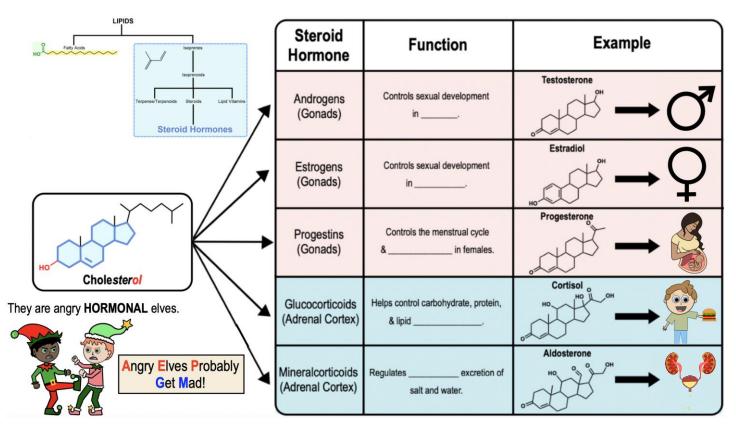
CONCEPT: STEROID HORMONES

• Cholesterol is a ______ for steroid hormones.

•_____: signaling molecules released by a cell/gland that can travel & affect distant cells in other areas.

• Steroid Hormones can be classified into _____ groups according to the physiological responses they evoke:



PRACTICE: Each of the following can be synthesized from cholesterol EXCEPT:

a) Glucose.

b) Progesterone.

c) Cholic acid.

d) Testosterone.

e) Estradiol.

PRACTICE: Identify the molecule derived from sterols.

a) Arachidonic acid.

c) Phosphatidylglycerol.

e) Cortisol.

b) Gangliosides.

d) Prostaglandins.

PRACTICE: Which of the following steroid hormones regulates a female's menstrual cycle?

a) Estrogen.

b) Testosterone.

c) Progesterone.

d) Cortisol.