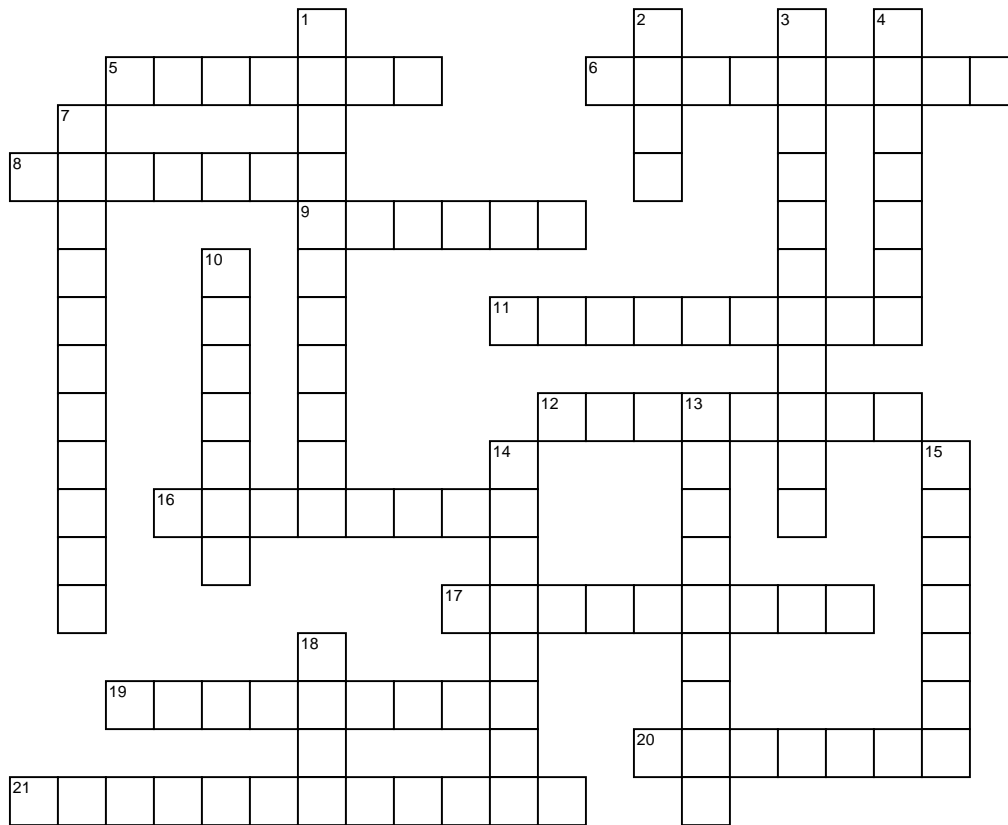


# Roland-Story Biology

## Lesson 3.3 -- The Pathway to Production



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### ACROSS

- 5 The reproductive cycle in nonprimates, it is measured from the beginning of estrus or heat period to the beginning of the next.
- 6 period - The length of time from conception to birth of young.
- 8 The time when sexual maturity is reached. In the female, ova on the ovaries begin to develop. In males, sperm production is initiated in the testicles.
- 9 The period of sexual excitement.
- 11 The term for the act of giving birth in swine.
- 12 The term for the act of giving birth in dogs.
- 16 The nonbreeding season
- 17 The condition of a female having a living fetus in the uterus
- 19 The term for the act of giving birth in cats.
- 20 The term for the act of giving birth in horses.
- 21 A hormone produced by the corpus luteum of the ovary that functions in preparing the uterus for pregnancy and maintaining it if it occurs.

### DOWN

- 1 Refers to an animal that has several estrous cycles in a breeding season.
- 2 To make a young animal cease to depend on its mother's milk.
- 3 The act of giving birth.
- 4 The term for the act of giving birth in goats.
- 7 hormone (LH) - In animals, a hormone of the anterior pituitary gland that stimulates ovulation and development of the corpus luteum in females
- 10 The term for the act of giving birth in sheep.
- 13 The period of milk secretion.
- 14 A hormone or group of hormones produced by the developing ovarian follicle
- 15 The term for the act of giving birth in cattle.
- 18 An animal that is in estrus and ready to breed.