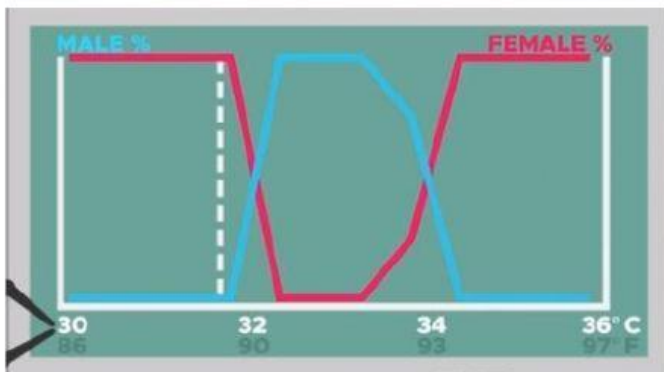


# LIVE WORK SHEET

## Energy Flow in Ecosystems

**WATCH VIDEO:** Sex Determination in Alligators and Crocodiles

<https://www.youtube.com/watch?v=xOqCTWp7j80>



Determine the sex of the alligator eggs when kept at each of the following temperatures:

35 °C \_\_\_\_\_

33 °C \_\_\_\_\_

30 °C \_\_\_\_\_

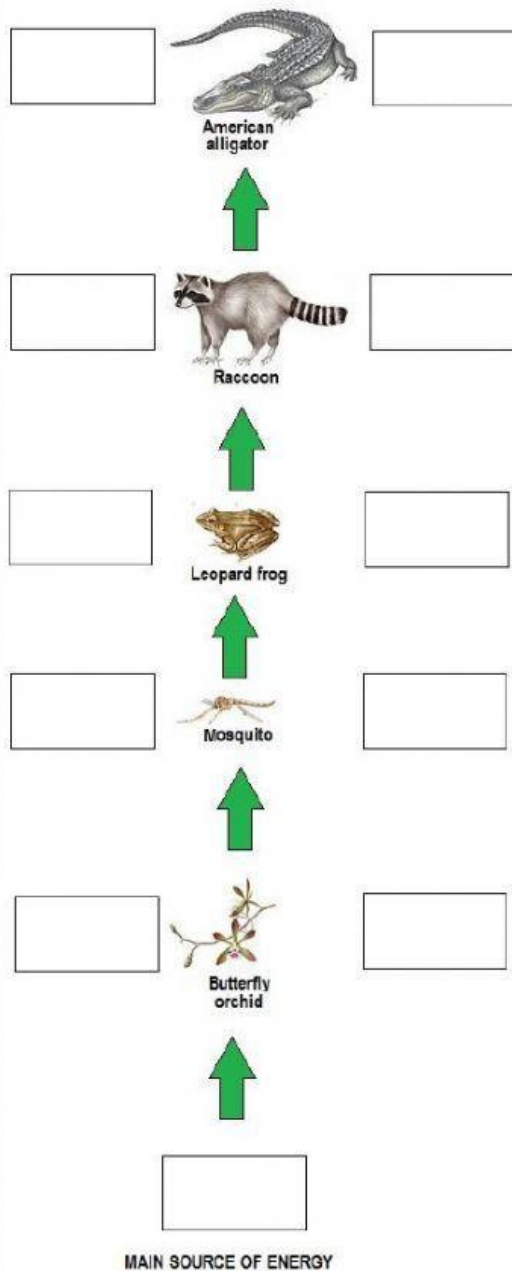


When alligator eggs are buried in layers, the chances of producing \_\_\_\_\_

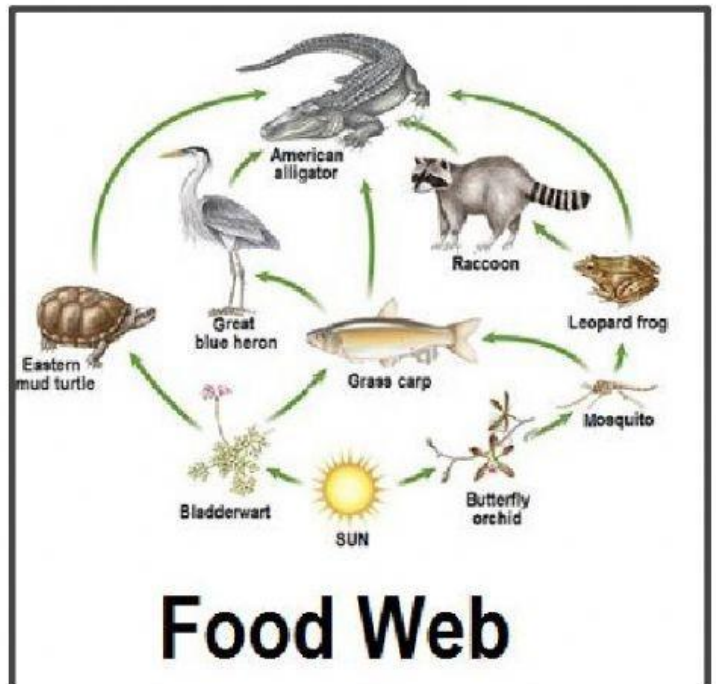
is increased.

Choose the terms that best describe each trophic level.

## Food Chain



Determine the direction of energy flow by following the green arrows.



## Food Web

Which organisms feed upon the Bladderwort?

Which populations in the ecosystem would be impacted if the Butterfly orchids suddenly disappeared?

How many producers are illustrated in the food web?