



Island Project Energy Pyramid

Name _____

Class _____

Carnivore

1. Name and number of carnivore _____

Number of calories carnivore requires each week:

of organisms _____ x calories needed per day _____ x 7 days = _____

Herbivores

In one week, the carnivore may eat:

1. Name and number of herbivore _____

Number of calories herbivore produces:

of organisms _____ x calories in organism _____ = _____

Number of calories herbivore requires each week:

of organisms _____ x calories needed per day _____ x 7 days = _____

2. Name and number of herbivore _____

Number of calories herbivore produces:

of organisms _____ x calories in organism _____ = _____

Number of calories herbivore requires each week:

of organisms _____ x calories needed per day _____ x 7 days = _____

3. Name and number of herbivore _____

Number of calories herbivore produces:

of organisms _____ x calories in organism _____ = _____

Number of calories herbivore requires each week:

of organisms _____ x calories needed per day _____ x 7 days = _____

Total calories produced = _____

Total calories required = _____

Is this enough
calories to feed
the carnivores?