

Skills Worksheet

Concept Review**MATCHING**

In the space provided, write the letter of the term or phrase that best matches the description.

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|--|--------------------------------------|
| _____ 1. less erosion | a. green revolution |
| _____ 2. resistance to pesticides | b. overuse of land |
| _____ 3. poverty | c. fertile soil |
| _____ 4. desirable traits transferred | d. high pesticide use |
| _____ 5. desertification | e. integrated pest management |
| _____ 6. action of living organisms | f. no-till farming |
| _____ 7. new crop varieties,
increased yields | g. irrigation and evaporation |
| _____ 8. minimize economic damage
from pests | h. genetic engineering |
| _____ 9. depleted fish populations | i. overharvesting |
| _____ 10. salinization | j. malnutrition |

MULTIPLE CHOICE

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

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|---|--|
| _____ 11. A given plot of land can produce more food when used to grow plants than when used to raise animals because | _____ 12. The green revolution depended on |
| a. 1 Cal animal protein requires 10 Cal from plants. | a. new biodegradable pesticides. |
| b. one-tenth of a plant's mass can be used as food. | b. high-yielding grain varieties. |
| c. plants provide more nutrients per gram. | c. clearing forest for crop land. |
| d. Both (a) and (b) | d. organic fertilizers. |

Concept Review *continued*

- _____ **13.** Most of the living organisms in fertile soil are found in
a. the surface litter and topsoil.
b. the leaching zone.
c. the subsoil.
d. the bedrock.
- _____ **14.** Erosion is a danger whenever the soil is
a. bare and exposed to wind and rain.
b. plowed along the contour of the land.
c. covered with grass.
d. covered by forest.
- _____ **15.** The development of pesticide resistance is an example of
a. malnutrition.
b. persistence.
c. pest control.
d. evolution.
- _____ **16.** All of the following describe typical types of malnutrition *except*
a. amino acid deficiency.
b. insufficient variety of foods.
c. diet of mostly vegetables and grains.
d. low Calorie consumption.
- _____ **17.** Livestock in developing countries provide
a. manure.
b. eggs and meat.
c. leather and wool.
d. All of the above
- _____ **18.** Biological pest control aims to do all the following *except*
a. maintain tolerable pest levels.
b. reduce all insects to low levels.
c. leave non-pest species unharmed.
d. boost plants' natural defenses.
- _____ **19.** Plowing with machines, irrigating with drip systems, and _____ are all modern agricultural methods.
a. using manure
b. applying chemical fertilizers
c. irrigating with ditches
d. Both (a) and (b)
- _____ **20.** Earth's available arable land is being reduced by
a. fast-growing human populations.
b. soil erosion.
c. desertification.
d. All of the above
- _____ **21.** All of these contribute to famine *except*
a. crop failure.
b. green revolution.
c. unequal distribution of food.
d. drought.
- _____ **22.** Almost _____ of the seafood consumed in the world is produced through aquaculture.
a. one-half
b. one-third
c. one-fourth
d. three-fourths