

LIFE ACTIVITIES AND BODY SYSTEMS

Name _____

Match the life activity in Column I with its example in Column II.

Column I

1. nutrition _____
2. circulation _____
3. respiration _____
4. excretion _____
5. synthesis _____
6. regulation _____
7. growth _____
8. reproduction _____
9. metabolism _____
10. homeostasis _____
11. digestion _____

Column II

- a. a cat has a litter of six kittens
- b. the cells utilize glucose to produce energy
- c. a plant absorbs minerals from the soil
- d. a plant forms large starch molecules from smaller sugar molecules
- e. the bloodstream brings oxygen and food to the cells
- f. waste products are eliminated during perspiration
- g. a person sweats to keep body temperature at a safe level
- h. the brain coordinates the various systems of the body
- i. process by which food is changed into a form the body can use
- j. the human body produces hormones, vitamins, proteins, enzymes, etc. to keep it functioning
- k. a 7-pound baby becomes a 180-pound man

Fill in the blanks with the correct body systems.

The lungs are the main organ of the _____ system; but they are also an organ in the _____ system. The lymph and the lymphatics are part of the _____ system. Although food does not pass through the liver and gall bladder, they are part of the _____ system. As a duct gland, the pancreas is part of the _____ system. As a ductless gland, the pancreas is part of the _____ system. The hypothalamus, through its neurosecretory cells, coordinates the activities of the _____ and _____ systems.