

## ANSWER KEY CHAPTER 1

### Chapter 1: Orientation to the Human Body

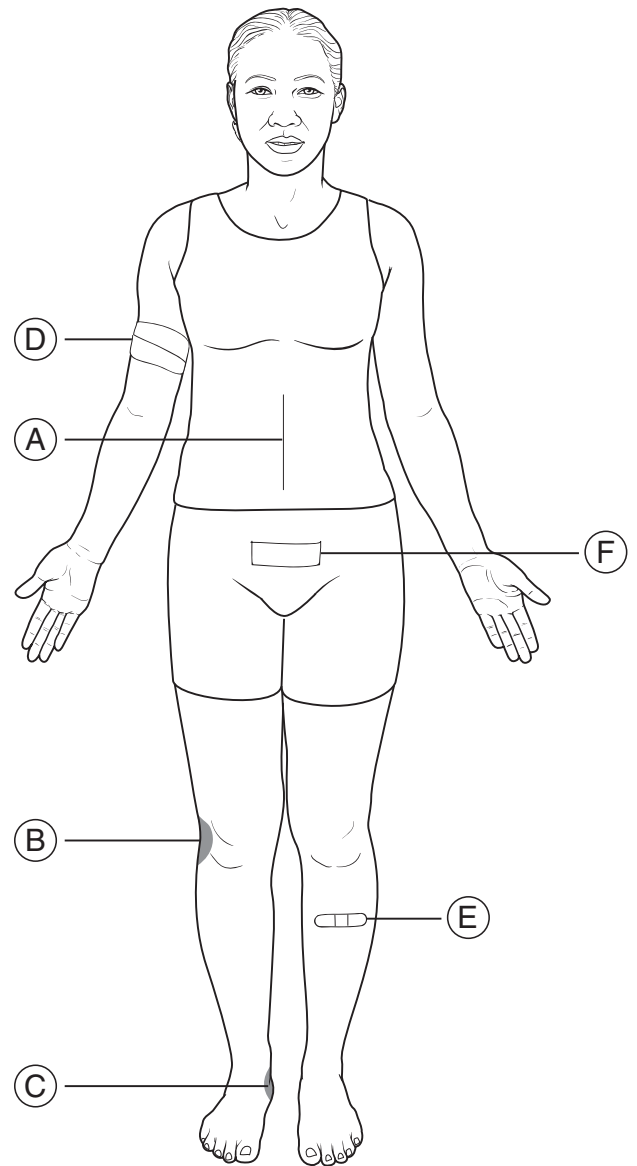
#### LIST FOR LEARNING: ORGANIZATION OF THE BODY

1. Atoms
2. Molecules
3. Organelles
4. Cells
5. Tissues
6. Organs
7. Organ systems
8. A human organism

#### MAKE A CONNECTION: TYPES OF TISSUE

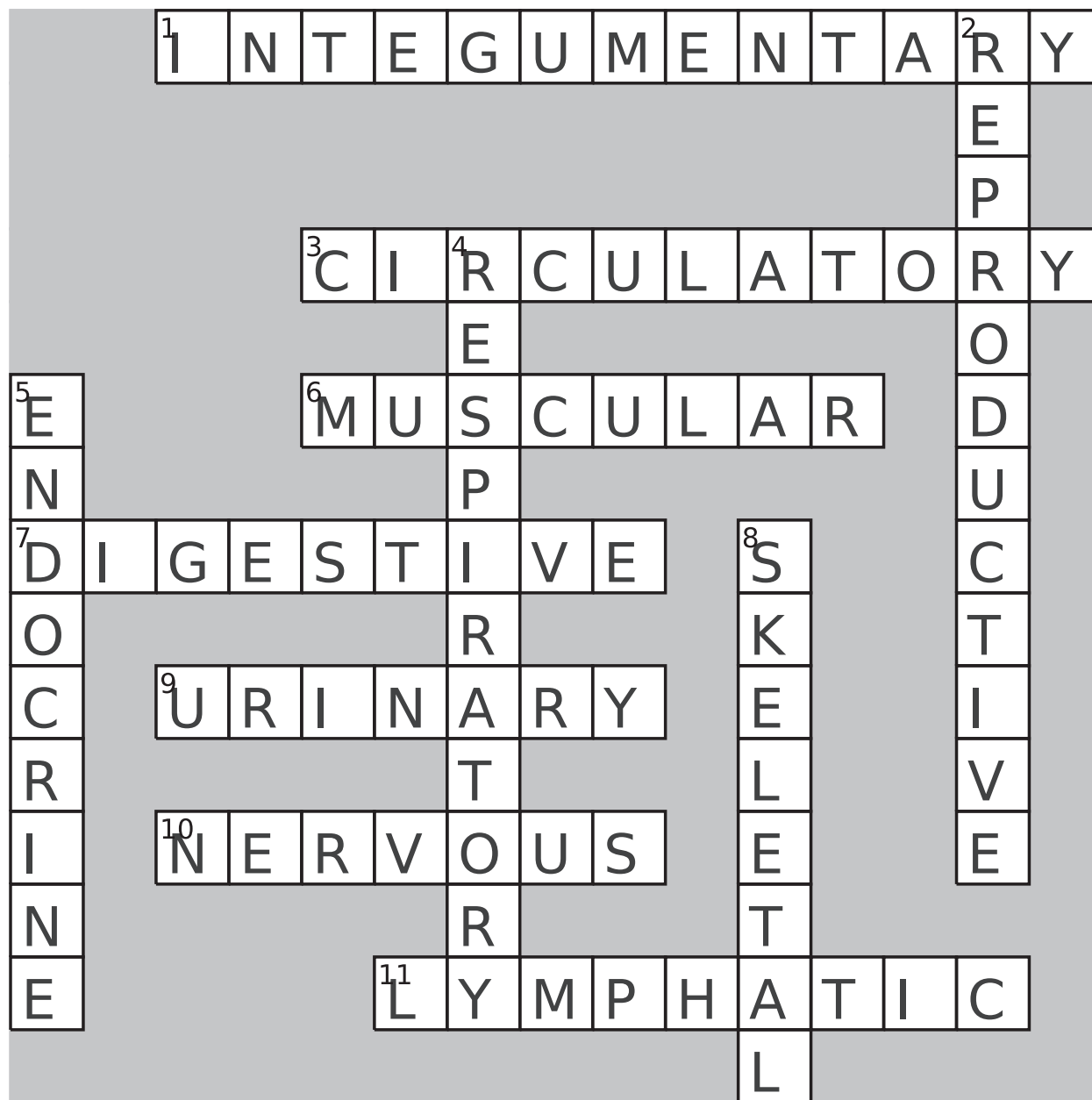
1. Epithelial: C, F
2. Connective: E, G
3. Muscle: A, H
4. Nerve: B, D

#### DRAWING CONCLUSIONS: DIRECTIONAL TERMS

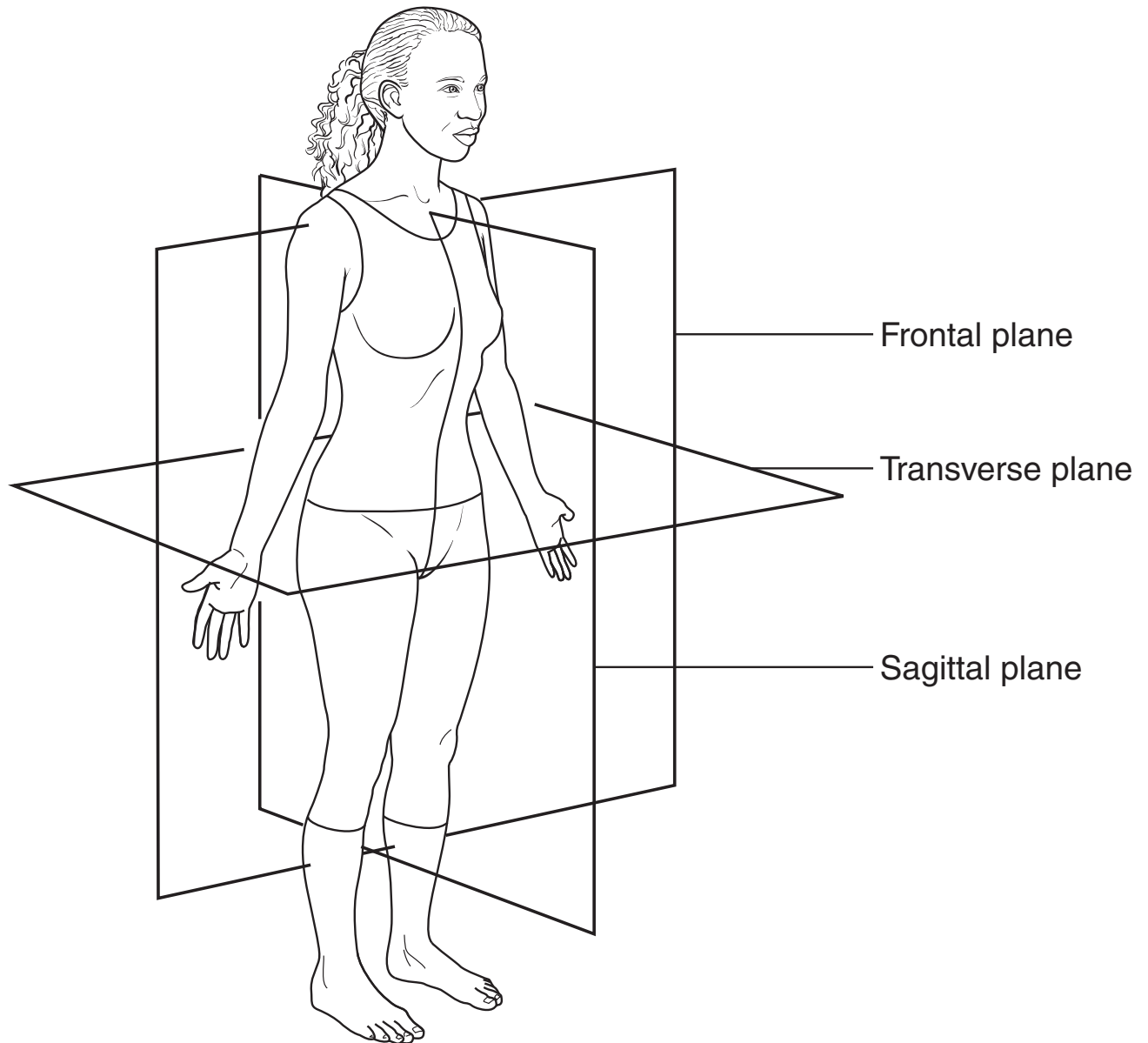


# ANSWER KEY CHAPTER 1 *Continued*

## PUZZLE IT OUT: ORGAN SYSTEMS



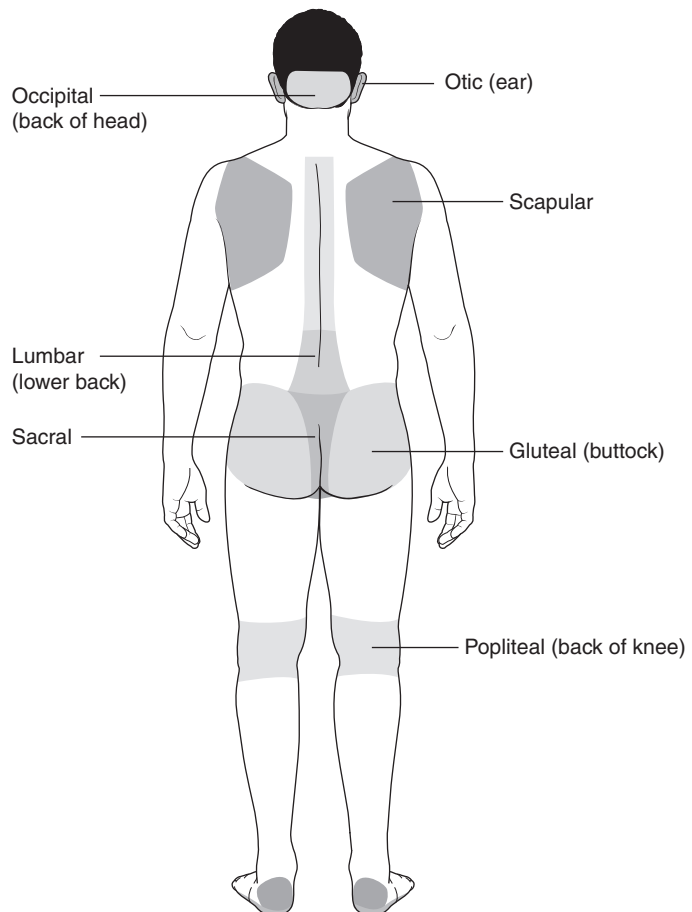
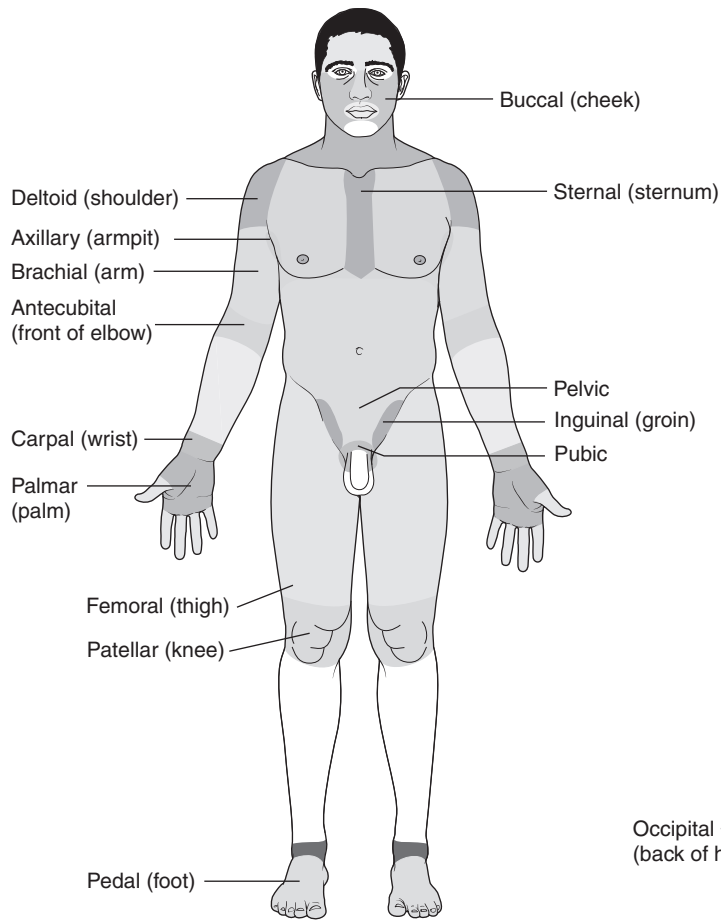
**DRAWING CONCLUSIONS: BODY PLANES**



1. midsagittal; right; left
2. horizontal; upper (superior); lower (inferior)
3. coronal; anterior; posterior

# ANSWER KEY CHAPTER 1 *Continued*

## CONCEPTUALIZE IN COLOR: BODY REGIONS

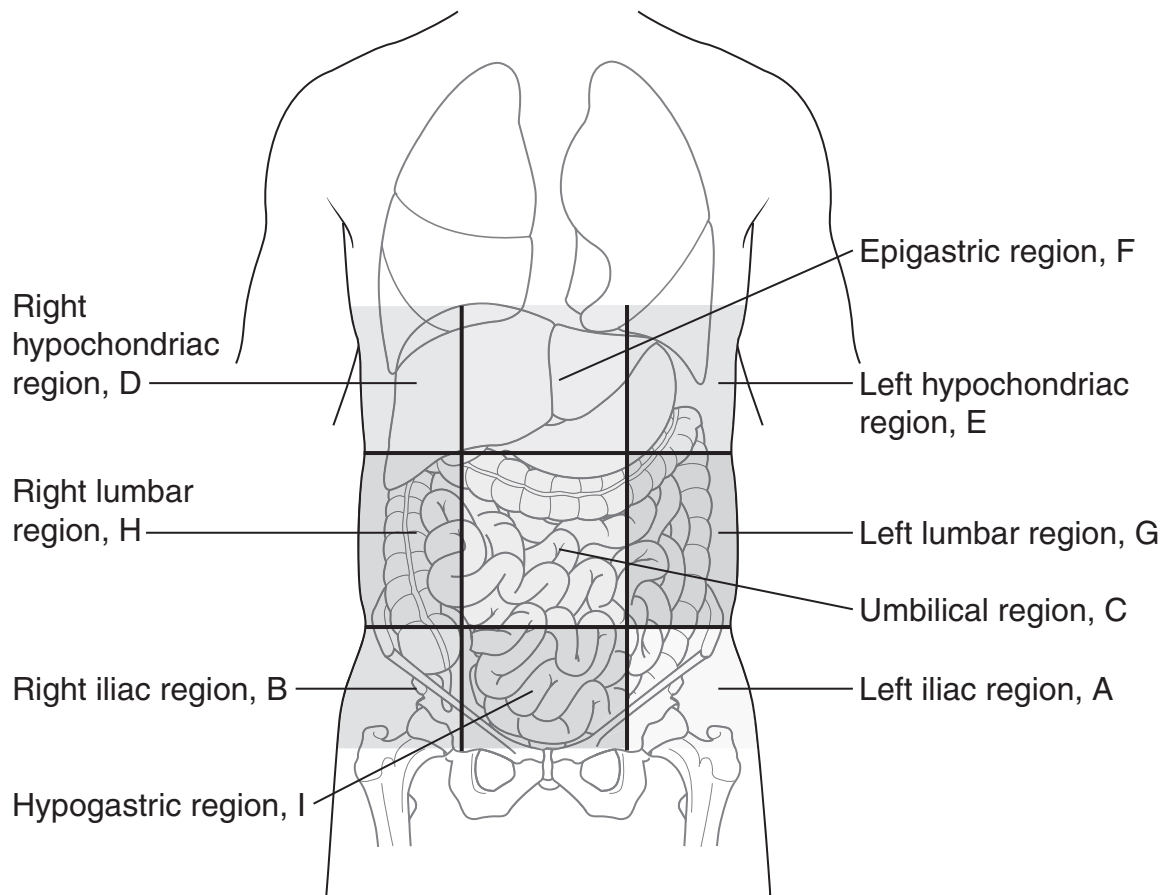


## ANSWER KEY CHAPTER 1 *Continued*

### DRAWING CONCLUSIONS: BODY CAVITIES

1. Cranial cavity
2. Spinal cavity
3. Thoracic cavity
4. Abdominal cavity
5. Pelvic cavity
6. Abdominopelvic cavity
7. Ventral cavity
8. Dorsal cavity

### DRAWING CONCLUSIONS: ABDOMINAL REGIONS



### ILLUMINATE THE TRUTH: THE BASICS

1. anatomy
2. cells
3. organs
4. forward
5. consequences in

### FILL IN THE GAPS: HOMEOSTASIS

1. equilibrium
2. (1) receptor; (2) control center, (3) effector
3. opposes; reverses
4. reinforces; amplifies
5. negative