

# Body Systems



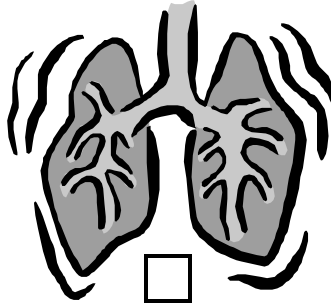
## PRIMARY

### Interpreting Information.

Read the following information carefully to fill in the gaps and answer the questions below.

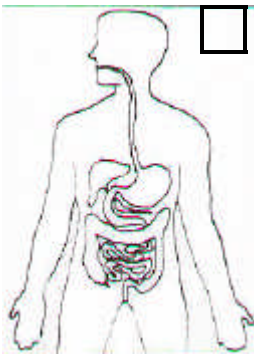
#### 1 Muscular-Skeletal System.

The skeleton is the framework that maintains our body system. The bones are the structures through which movement is made. Skeletal muscles cover the skeleton and give the body the power to hold itself upright and to move.



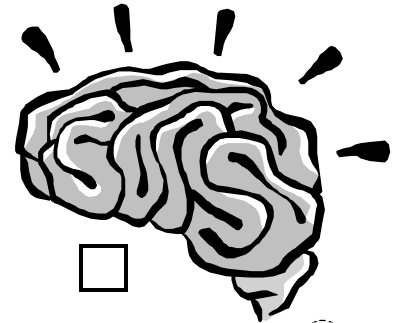
#### 2 Nervous System.

Consisting of the brain, spinal cord and nerves which supply all parts of the body, the nervous system controls the movements through our muscles.



#### 3 Cardiovascular System.

The heart distributes blood throughout the body by a system of tubes. Arteries take blood away from the heart while veins bring blood to the heart. The cardiovascular system carries oxygen and nutrients to all body parts.



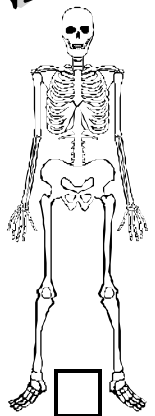
#### 4 Respiratory System.

Consists of the air passages and lungs. It provides oxygen for the blood and removes waste products such as carbon dioxide from the body.



#### 5 Digestive system.

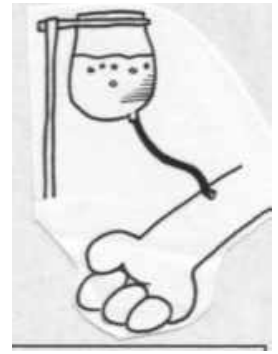
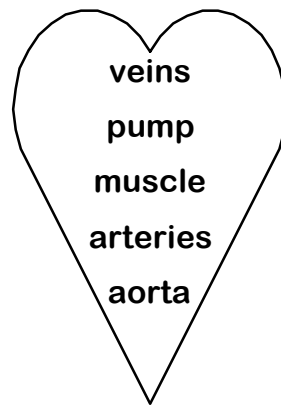
Controls the passage of food throughout the body. Foods and fluids are processed so they can be used by the body's organs. Food is absorbed into blood, providing energy for the muscles.



1. Number all the pictures with the matching body system.
2. What does the nervous system do? \_\_\_\_\_
3. Which body system distributes blood around the body? \_\_\_\_\_
4. What is the difference between arteries and veins? \_\_\_\_\_
5. How is the energy from processed food and fluids moved around the body? \_\_\_\_\_
6. Which body system controls our breathing? \_\_\_\_\_

## Heart Quiz.

- Tubes that carry blood to the heart \_\_\_\_\_
- The largest artery \_\_\_\_\_
- The action of the heart is like a \_\_\_\_\_
- Tubes that carry blood from the heart \_\_\_\_\_
- The heart is a hollow organ made of \_\_\_\_\_



## Work It Out!



1.  $14 \times 5 =$  \_\_\_\_\_
2.  $3.56 \times 100 =$  \_\_\_\_\_
3.  $96 \div 8 =$  \_\_\_\_\_
4.  $\frac{1}{4}$  of  $32 =$  \_\_\_\_\_
5.  $\frac{3}{4}$  of  $24 =$  \_\_\_\_\_
6.  $450 \div 9 =$  \_\_\_\_\_
7. 7, 21, \_\_\_\_\_, 189
8.  $4 \times 5 \times 3 \div 2 =$  \_\_\_\_\_
9.  $7 \times 4 + 4 \div 8 =$  \_\_\_\_\_
10.  $0.6 + 1.5 =$  \_\_\_\_\_

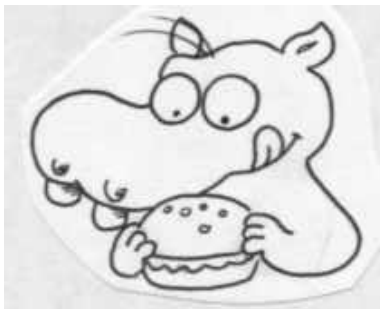
## Nouns, Verbs and Adjectives.

In each sentence, circle the nouns (things), underline the verbs (action words) and highlight any adjectives (describing words).

1. The heart is a hollow organ that pumps blood.
2. Blood is cleaned when it passes through your kidneys.
3. Muscles are made of tough, elastic tissue.
4. Involuntary muscles work without you thinking about them.
5. Asthma is a respiratory problem that makes breathing difficult.

## Number Pairs.

Find pairs that add up to 100 – there are at least 11 combinations. Go across or down but not diagonally. You may use a number more than once.



<b>45</b>	<b>65</b>	<b>15</b>	<b>85</b>	<b>31</b>	<u>PAIRS.</u> _____ _____ _____ _____ _____
<b>55</b>	<b>35</b>	<b>75</b>	<b>25</b>	<b>69</b>	
<b>57</b>	<b>53</b>	<b>47</b>	<b>85</b>	<b>41</b>	
<b>42</b>	<b>58</b>	<b>52</b>	<b>51</b>	<b>59</b>	
<b>62</b>	<b>38</b>	<b>48</b>	<b>49</b>	<b>38</b>	

## The Skeleton.

Research and illustrate an accurate picture of your skeleton. Include labels for all the main bones. (See your teacher if you need help with this).

Parent Signature: \_\_\_\_\_

## Eugene's Challenge.

Write a short story about a day in the life of a major organ in the human body or one of the body systems. For example, 'A Day in the Life of a Kidney' or 'Diary of a Digestive System!'

