|  |  |  |
| --- | --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

The Heart

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 1M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  Y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2E |  L |  E |  C |  T |  R |  O |  C |  A |  R |  D |  I |  O |  G |  R |  A | 3P |  H |  Y |
|  |  |  |  |  A |  |  |  |  |  |  |  |  |  |  |  |  |  U |  |  |
|  |  |  |  |  R |  |  |  |  |  |  |  |  | 4F |  |  |  |  L |  |  |
|  |  |  |  |  D |  |  |  |  |  | 5S |  |  |  I |  |  |  |  M |  |  |
|  |  |  | 6D |  I |  A |  S |  T |  O |  L |  E |  |  |  B |  |  |  |  O |  |  |
|  |  |  |  |  U |  |  |  |  |  |  P |  |  |  R |  |  |  |  N |  |  |
|  |  |  |  |  M |  |  |  | 7A |  R |  T |  E |  R |  I |  E |  S |  |  A |  |  |
|  |  | 8T |  |  |  |  |  |  |  |  U |  |  |  L |  |  |  |  R |  |  |
| 9S |  T |  R |  O |  K |  E |  V |  O |  L |  U |  M |  E |  |  L |  |  |  |  Y |  |  |
|  |  |  I |  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |
|  |  |  C |  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  |  |  |
|  |  |  U |  |  | 10P |  E |  R |  I |  C | 11A |  R |  D |  I |  U |  M |  |  |  |  |
|  |  |  S |  |  |  |  |  |  |  |  O |  |  |  O |  |  |  |  |  |  |
|  |  |  P |  |  |  | 12H |  Y |  P |  E |  R |  T |  E |  N |  S |  I |  O |  N |  |  |
|  |  |  I |  |  |  |  |  |  |  |  T |  |  |  |  |  |  |  |  |  |
|  |  |  D |  |  |  | 13L |  E |  F |  T |  A |  T |  R |  I |  A |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****2.** Recording of electrical change accompanying the cardiac cycle**6.** Period of the cardiac cycle when relaxing**7.** Blood is transported away from the heart**9.** Amount of blood pumped in a single contraction.**10.** Double layered membrane that surrounds the heart**12.** High elevation in diastolic or systolic blood pressure**13.** Chamber of the hear that receives oxygenated blood from the lungs.  | **Down****1.** The middle layer of the heart, responsible for pumping. Composed of cardiac muscle**3.** Vein thats vessels transport oxygenated blood from the lungs back to the heart**4.** Rapid, irregular heart contractions.**5.** Separates the heart into the right and left pumps**8.** \_\_\_\_\_ valve that contains flaps between the right atrium and the right ventricle. Prevents back flow of blood. **11.** Routes blood pumped from the left ventricle to the rest of the body. |