

Biology I
Ms. Chen

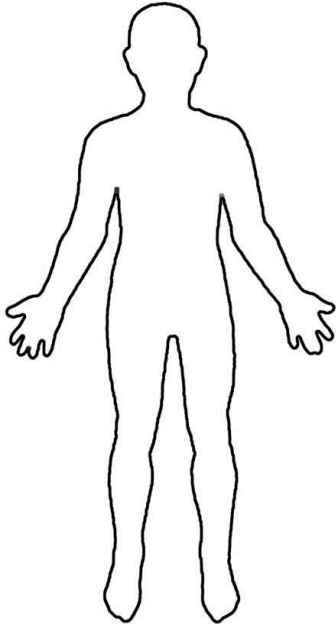
Name:

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Kidney Dissection Alternative

Directions: Visit University of Bristol's "Virtual Kidney Dissection" at <http://www.bristol.ac.uk/anatomy/media/elearning/internet/letsdissect/Kidney/index.html> to complete the following questions.

1. Where are the kidneys located? Sketch in the outline below.



2. What do the kidneys do? (Be specific).

3. Name three other excretory organs in the human body.

4. How do kidneys maintain the proper water level in the body? What happens when there is too much water? Too little?

5. How is urine made and where does it go?

6.



Label the following structures: **Renal artery, Renal Vein, Cortex, Medulla, Renal Pelvis, Ureter**

7. How do the functions of the renal artery and renal vein differ?

8. How can kidney failure be treated? Explain what happens in both treatments.

9. If you had kidney failure, which treatment option would you pick? Why? Be sure to refer to the pros and cons of each treatment in your answer.