

# Investigation 3.9B

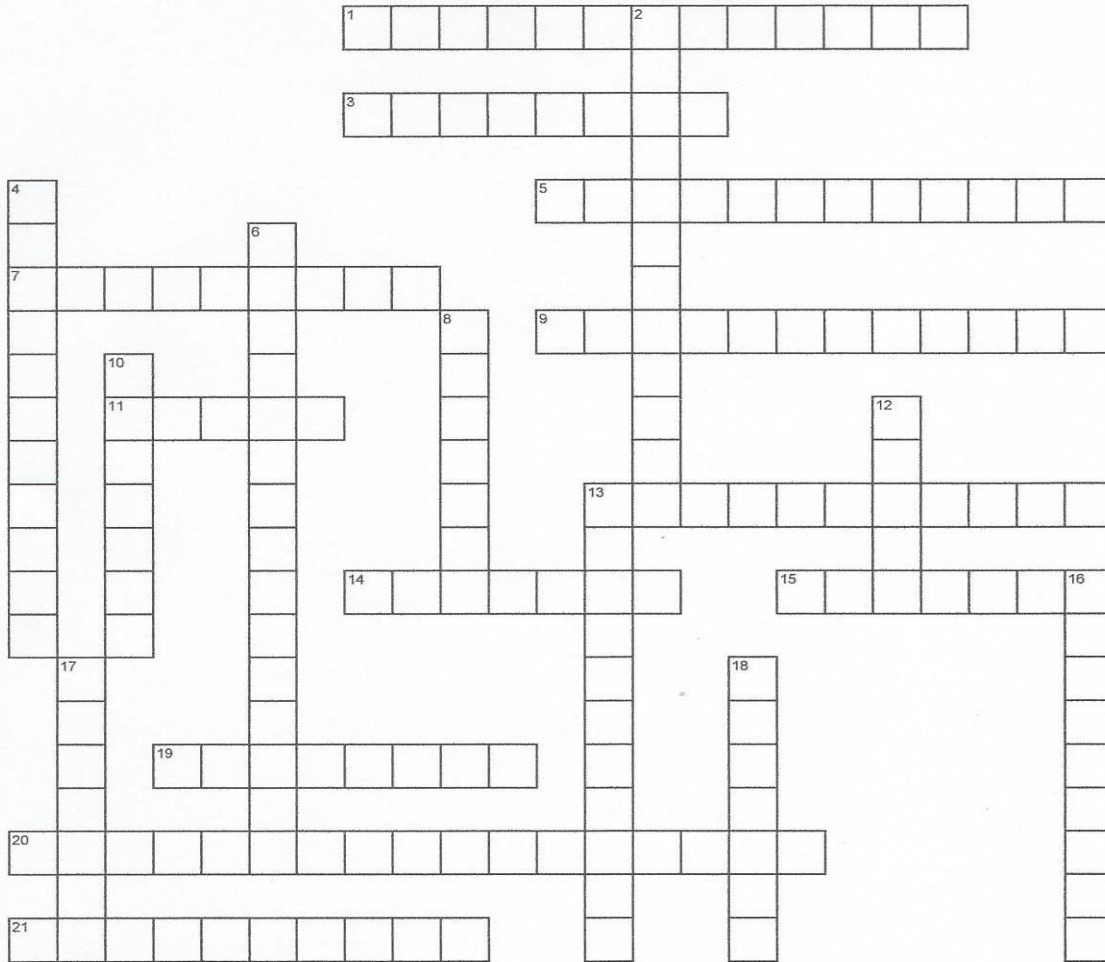
Dr. \_\_\_\_\_

Crossword

## Urinary Tract

P. \_\_\_\_ Date: \_\_\_\_\_

**Directions:** Use the highlighted terms in the chapter to solve the puzzle. Most clues come from the chapter text, but some require outside investigation. Omit spaces or dashes between words.



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### ACROSS

- 1 a measurement of the systolic and diastolic arterial pressures
- 3 the basic filtering unit of the kidneys
- 5 the bag attached to the urinary catheter to collect urine output
- 7 to become narrower
- 9 the system that includes the kidneys, ureters, bladder, and urethra
- 11 referring to the kidneys
- 13 a tissue sample of the kidney taken to diagnose disease or infection
- 14 a regulating substance that stimulates specific cells into action
- 15 tubes that move urine from the kidneys to the bladder
- 19 makes up 78% of air; present in large amounts in urine
- 20 relaxation of the urethral sphincter in response to increased pressure in the bladder
- 21 moves waste from the kidneys

### DOWN

- 2 a condition of impaired kidney function where kidneys inadequately filter waste from the blood
- 4 the act of urinating
- 6 a hollow tube inserted into urethra and bladder to collect urine in patients who cannot control their bladder
- 8 place where urine is stored until your pee
- 10 tube that moves urine out of the bladder
- 12 watery, yellowish fluid stored in bladder until discharged through the urethra
- 13 supplies oxygen rich blood to the kidneys
- 16 a ring of muscle surrounding an opening or tube serving to close off the tube; one example is located in the urethra
- 17 the abscess of bacteria
- 18 these organs filter liquid waste from the blood