

Investigation 3.5B

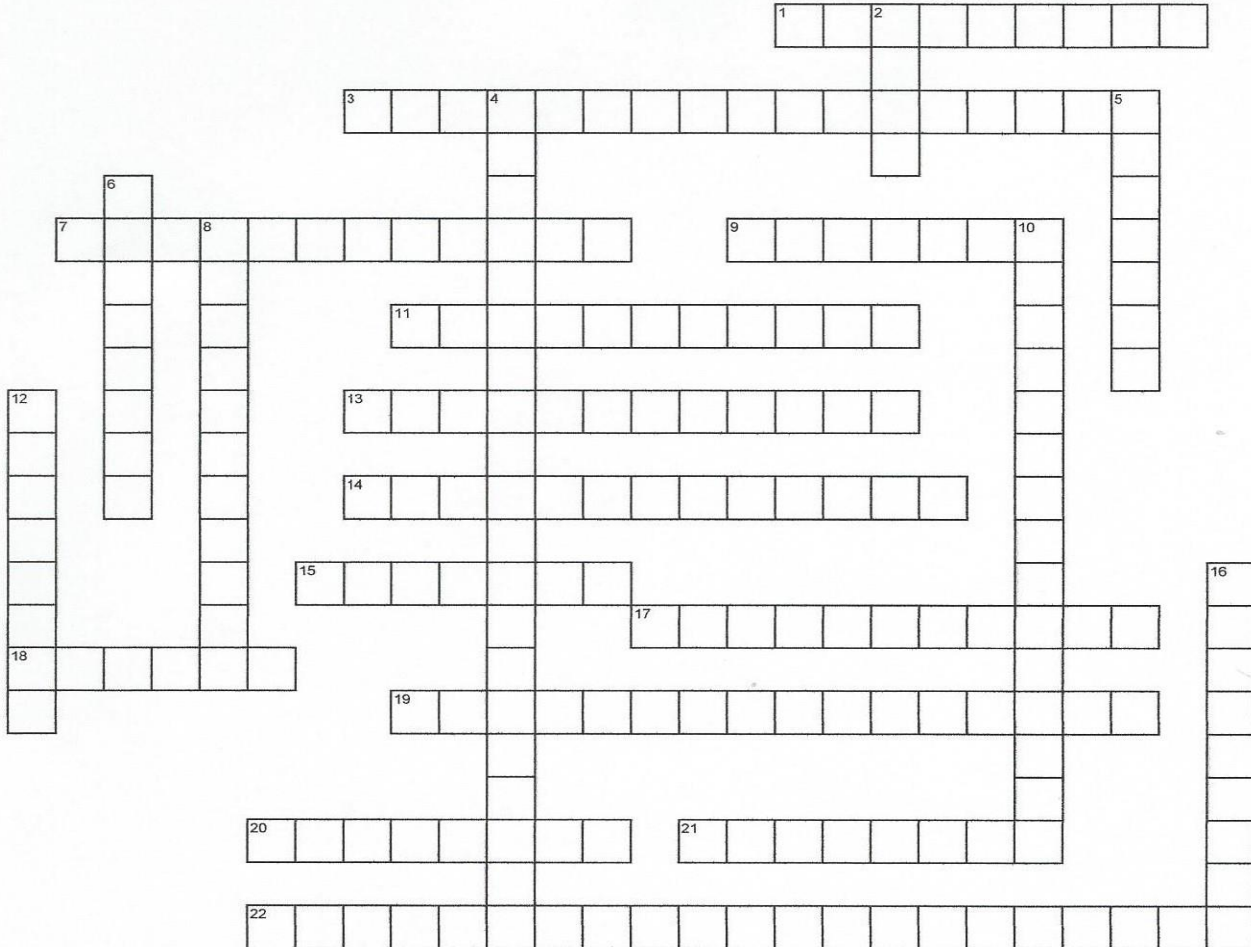
Dr. _____

Crossword 3.5B

Chest Pain

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 fibrous tissue that cushions bones at joints; its degradation causes osteoarthritis
- 3 occurs when a blood clot becomes trapped in a lung artery
- 7 when stress causes a person to feel chest pain, rapid heart beat, or difficulty breathing
- 9 referring to the heart
- 11 the protective sac or covering of the heart
- 13 the condition where the protective membrane surrounding the heart becomes infected or inflamed
- 14 when air leaks out of a lung and into the space between the lung and ribs
- 15 the flat bone located in the center of your chest; forms the front of the rib cage
- 17 small sac-shaped organ that stores bile after its secretion by the liver
- 18 chest pain stimulated by ischemic receptors
- 19 a rupture of the aorta
- 20 a condition where the outer covering of the lungs becomes inflamed; can make breathing in painful

- 21 caused by varicella-zoster virus in patients having had chicken pox years ago
- 22 condition where the pressure in the arteries leading to the lungs is above normal; can lead to fluid accumulation in the lungs

DOWN

- 2 the the long, thin, curved bones that together make a cage that protects the vital organs
- 4 means death of heart muscle; results from blockage of arteries within the heart that supply oxygen to the heart
- 5 fibrous tissue that contracts to produce movement of stability of body parts
- 6 pain that spreads away from its point of origin
- 8 the act of breathing in air
- 10 inflammation of the cartilage joining to the sternum
- 12 a large gland located behind the stomach; secretes digestive enzymes such as glucagon and insulin
- 16 occurs when acid backwashes from the stomach and irritates the inside of the esophagus