Name:

Date:

School:

Facilitator:

4.08 Heart Disease

# Part 1: Inside a Heart attack

**Complete these questions while viewing the video. You may want to revisit the video to help you answer the questions.**

1) What are the arteries that carry blood and oxygen to the heart itself?

2) Unhealthy substances such as      can build up in the coronary arteries.

3) The arteries       as the plaque builds up.

4) What occurs when the plaque breaks loose from the walls of coronary artery?

# Part 2: Fast Facts on Heart Disease

**Complete the following while viewing the video.**

5) One heart attack out of      is silent- where a person does not realize he or she is having it.

6)      people in the U.S. have a heart attack each year.

7) The average age for a woman’s heart attack is      and the average age for a man is      .

# Part 3: Heart Failure: Am I at Risk and Can I Prevent it?

**Complete the following while reading the article.**

8) List 5 conditions that contribute to heart failure:

a.

b.

c.

d.

e.

9) List 4 ways people can prevent heart failure through lifestyle change (there are more than 4 listed, but only 4 are needed):

a.

b.

c.

d.

# Video 4: Balloon Angioplasty

**Complete the following while viewing the video.**

10) Give a brief description of a balloon angioplasty.

11) Summarize the purpose of the addition of a stent as opposed to angioplasty alone.

# Video 5: Heart Bypass Surgery

**Complete the following while viewing the video.**

12) List the 4 major steps of heart bypass surgery:

a.

b.

c.

d.

13) Which vein is typically harvested for the bypass?

14) Which artery can be utilized to create the bypass?