



Osmosis Jones

Name _____

Period _____

Human Body System Analogies

In the movie *Osmosis Jones*, the city of "Frank" represents the human body. Throughout the movie there are many analogies, or comparisons, of how a city is run to how the body functions internally.

Directions: Complete the following *Osmosis Jones* analogies. Then write a sentence explaining the comparison.

Example: police officer : protects the city from criminals :: white blood cell : protects the body from pathogens
Osmosis Jones is a police officer who is a white blood cell. He protects the body from invaders.

1. first response team: arrives at the scene of a crime/disaster prior to the police force :: enzymes of the saliva "patrol": _____

2. electrical wires : transfers energy w/ electrical current :: _____ :
transfers electrical impulses to muscles

3. garbage men/sewage worker : pick up the trash :: _____ : helps remove
remaining food from gum line

4. murderer : kills people :: virus (muerte roja): _____

5. city hall : makes decisions about the city :: brain (cerebellum) : _____
