The Doppler Effect, Bow Waves & Shock Waves

Name _____

Period _____

Directions: Answer the following questions by reading pages 382-386 of the physics textbook.

1. What is Doppler Effect? Diagram the effect and give an example.

2. Differentiate between blue and red shift.

3. Sketch and explain a bow wave and a shock wave.

4. What causes a sonic boom?

5. What is Mach 1, Mach 2? (google this)