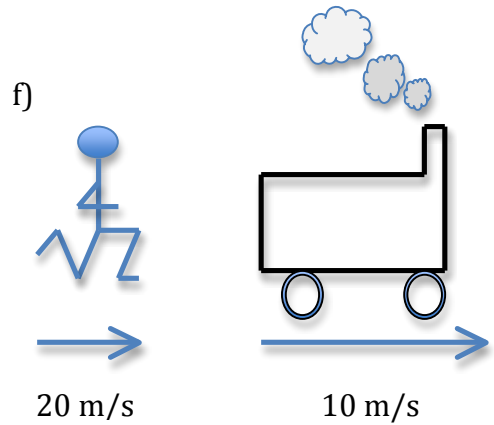
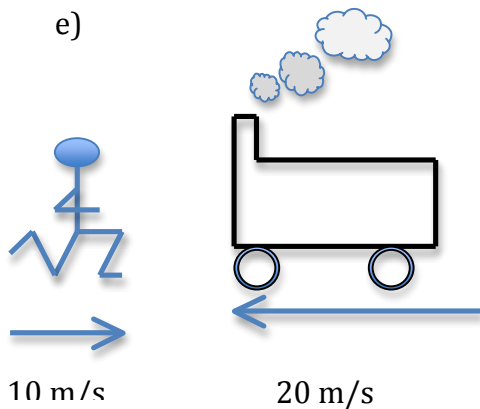
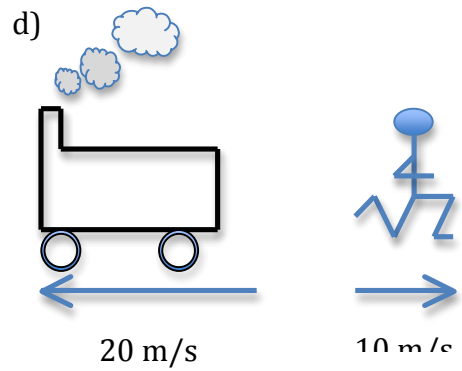
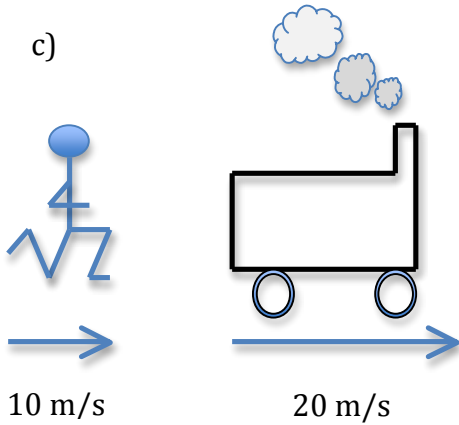
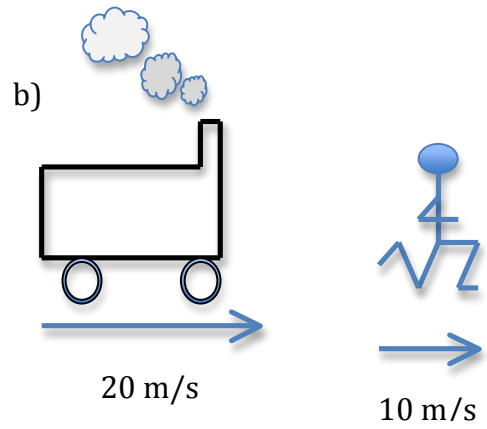
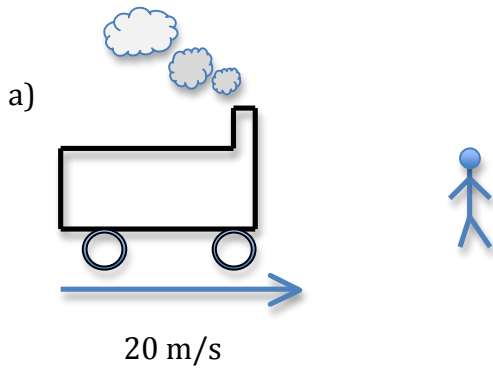


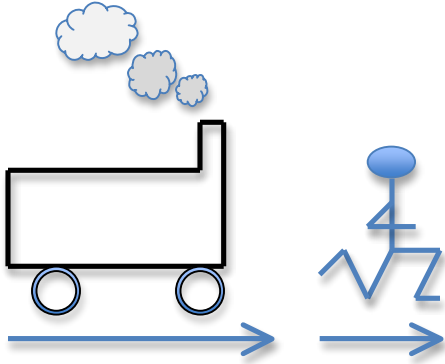
The Doppler Effect

1. Bill is riding his bike down the street, screaming at a frequency of 500 Hz. If he is riding at 14 m/s, what frequency would you hear if he were
 - a. Riding toward you
 - b. Riding away from you
2. Find the frequency heard by the person in each case if the train produces sound at 680 Hz.



The Doppler Effect

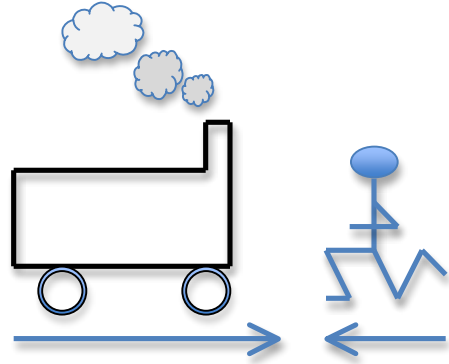
g)



20 m/s

10 m/s

h)



10 m/s

20 m/s