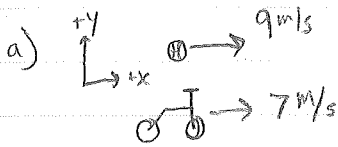
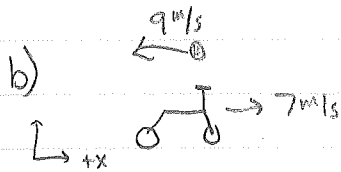


HW 8/30 Solutions

1.1)



$$v = 9 \text{ m/s} + 7 \text{ m/s} = \boxed{16 \text{ m/s}}$$



$$v = (-9 \text{ m/s}) + 7 \text{ m/s} = \boxed{-2 \text{ m/s}}$$

c) The speed of light is always c .

1.2)

- A concert is not an event because it does not occur at a single point in time.
- The stroke of midnight is not an event because it does not occur at a single point in space.
- An example of an event might be the first note of a concert entering your ear.