1 Events on Spacetime Diagrams

(a) i. Which pairs of events (if any) are **simultaneous** in the **unprimed frame**?

ii. Which pairs of events (if any) are **simultaneous** in the **primed frame**?

iii. Which pairs of events (if any) are **colocated** in the **unprimed frame**?

iv. Which pairs of events (if any) are **colocated** in the **primed frame**?

Missing `/var/www/paradigms_media_2/media/activity_media/events_1.png`

(b) For each of the figures, answer the following questions:

i. Which event occurs **first** in the **unprimed frame**?

ii. Which event occurs **first** in the **primed frame**?

i. Missing `/var/www/paradigms_media_2/media/activity_media/events_5.png`

ii. Missing `/var/www/paradigms_media_2/media/activity_media/events_6.png`

iii. Missing `/var/www/paradigms_media_2/media/activity_media/events_7.png`