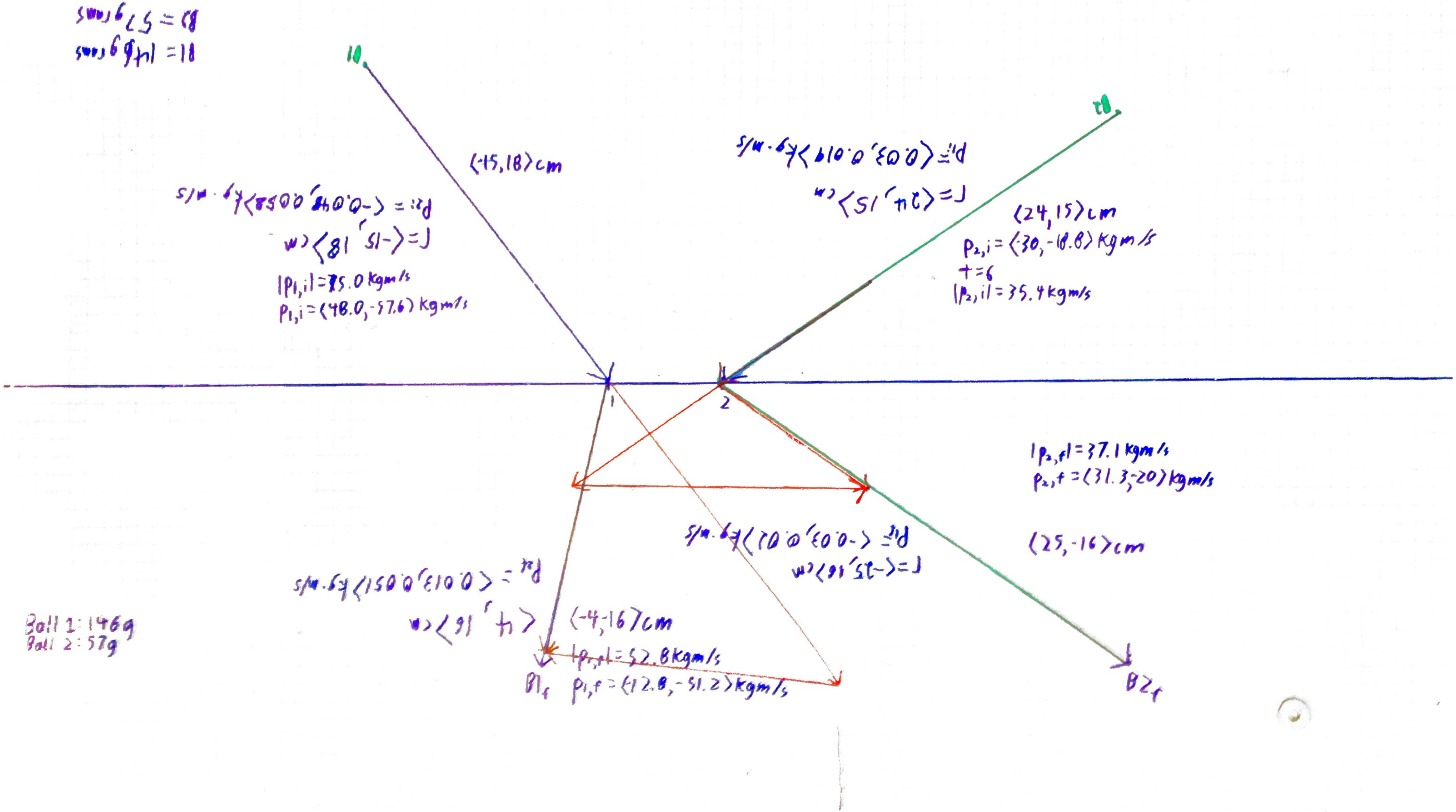
B1 = 146 grams
B2 = 57 grams
B1
⟨-15,18⟩cm
p2i = ⟨-0.048, 0.058⟩ kg·m/s
r = ⟨-15, 18⟩ cm
|p1,i| = 75.0 kgm/s
p1,i = ⟨48.0, -57.6⟩ kgm/s
B2
p1i = ⟨0.03, 0.019⟩ kg·m/s
r = ⟨24, 15⟩ cm
⟨24,15⟩cm
p2,i = ⟨-30, -18.8⟩ kgm/s
t = 6
|p2,i| = 35.4 kgm/s
1
2
|p2,f| = 37.1 kgm/s
p2,f = ⟨31.3, -20⟩ kgm/s
p1f = ⟨-0.03, 0.02⟩ kg·m/s
r = ⟨-25, 16⟩ cm
⟨25,-16⟩cm
p2f = ⟨0.013, 0.051⟩ kg·m/s
r = ⟨4, 16⟩ cm
⟨-4,-16⟩cm
|p1,f| = 52.8 kgm/s
B1f
p1,f = ⟨12.8, -51.2⟩ kgm/s
B2f
Ball 1: 146g
Ball 2: 57g