Conservation of Momentum:
$$P = P'$$

Understand of cort 1 before collision
$$d = 0.85m$$
 $t = 1.37s$ $V = d/t = 0.62 \text{ m/s}$ $V = 1.37s$ $V = d/t = 0.62 \text{ m/s}$ $V = 0.7m$ $V = d/t = 0.58 \text{ m/s}$ $V = 1.19s$ $V = d/t = 0.58 \text{ m/s}$ $V = 1.19s$ $V = d/t = 0.26 \text{ m/s}$ $V = 1.33s$ $V = d/t = 0.26 \text{ m/s}$ $V = 1.33s$ $V = d/t = 0.26 \text{ m/s}$ $V = d/t = 0.4 \text{ m/s}$ $V = d/t = 0.4 \text{ m/s}$ $V = d/t = 0.4 \text{ m/s}$