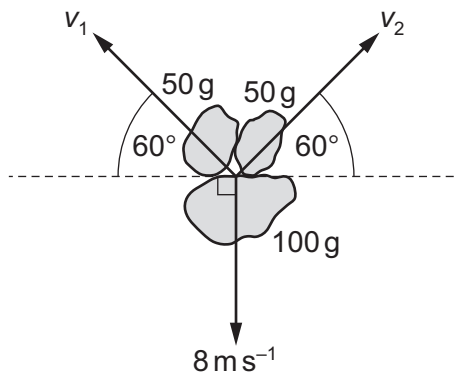


- 10 A stationary firework explodes into three pieces. The masses and the velocities of the three pieces immediately after the explosion are shown.



What are speed v_1 and speed v_2 ?

	$v_1 / \text{m s}^{-1}$	$v_2 / \text{m s}^{-1}$
A	4.0	4.0
B	9.2	9.2
C	14	14
D	16	16