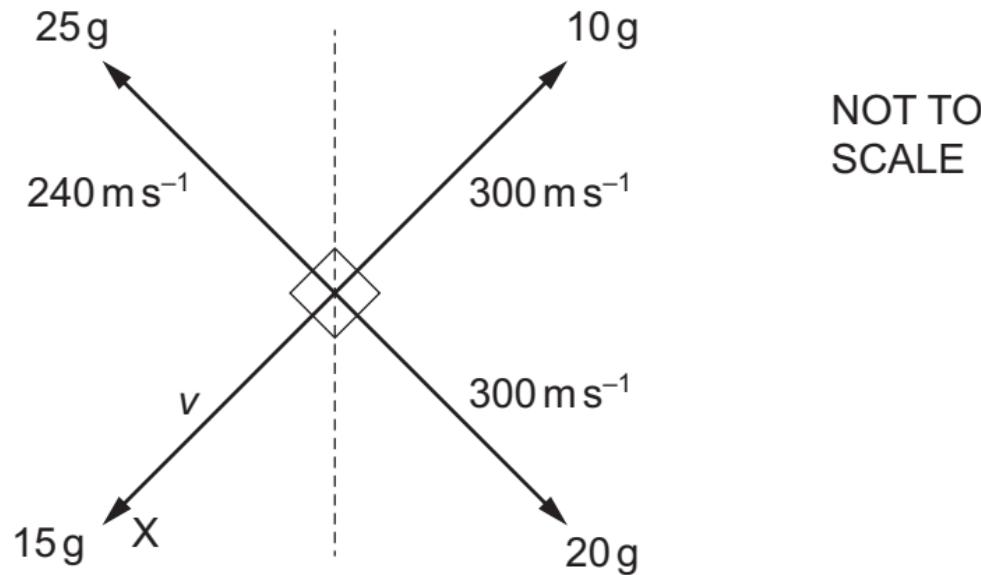


- 10 A stationary firework explodes into four fragments which travel in different directions in a horizontal plane. The diagram shows the velocity and mass of each fragment.



What is the speed v of fragment X?

- A 200 ms^{-1} B 240 ms^{-1} C 300 ms^{-1} D 360 ms^{-1}