Elastic Collisions SPH4U

An interaction in which	are conserved
is called an elastic collision	
Equations:	
-	th an initial velocity of 10 m/s [E] strikes a stationary ball of mass lastic collision. What is the final velocity of both balls?
First consider conservation of	momentum:
Now consider conservation of	f kinetic energy:
This equation has two solutions:	
The second describes a situati	on in which
This is	
	in which
This	