## Worksheet: Newton's 2nd and 3rd Laws

Name	Date	Period
1. Explain using Newton's Second Law bowling ball, even though you throw both		
2. Describe what a force is in physics		
For questions 2 and 3 refer to the tria	ngle formula to the right.	$\wedge$
3.A steel marble with a mass of .020 kg launcher. If the acceleration of the mass Newtons applied to the marble? Include to	rble is $5.6 \text{ m/s}^2$ , what was the	
4. What mass will a pumpkin have if a the correct units!	force of 450 Newtons accelerat	es it to 110 m/s $^2$ ? Include
5. Explain using Newton's Third Law a skateboard or rollerblades,throws a standing 10 feet in front of them.		
6. Explain using Newton's Third Law in sprinting events.	of Motion, how starting block	s have helped lower times