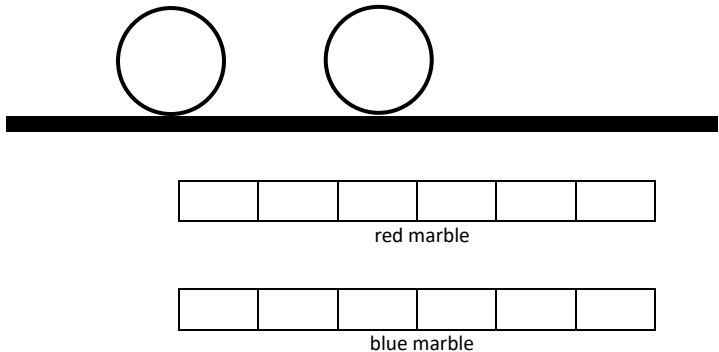


### Investigating Energy Changes in Collisions

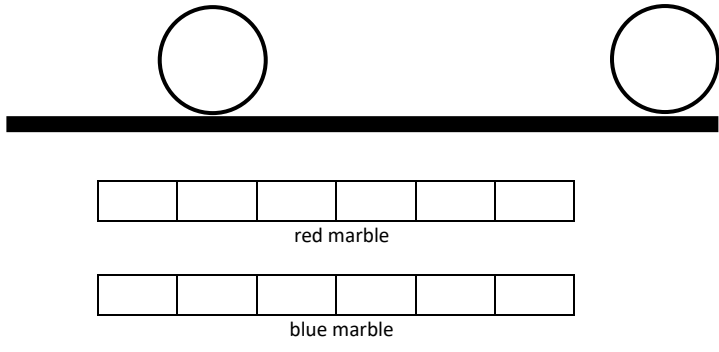
#### Trial 1: A Small Amount of Energy

Energy bars  
red energy bars for the red marble  
blue energy bars for the blue marble

1. The red marble is rolling toward the blue marble.



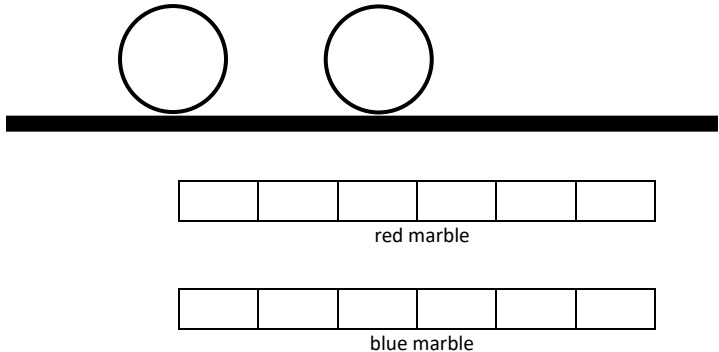
2. The red marble has just hit the blue marble.



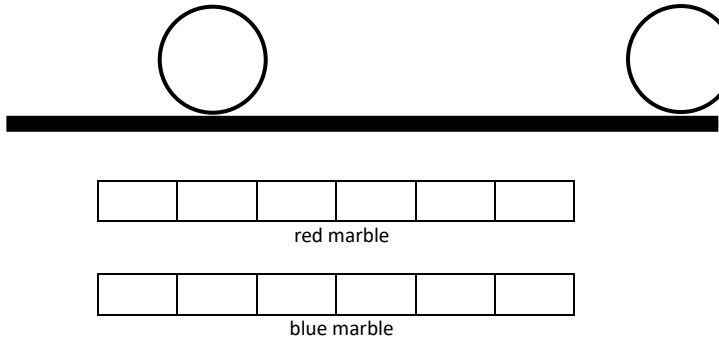
#### Trial 2: A Medium Amount of Energy

Energy bars  
red energy bars for the red marble  
blue energy bars for the blue marble

1. The red marble is rolling toward the blue marble.



2. The red marble has just hit the blue marble.

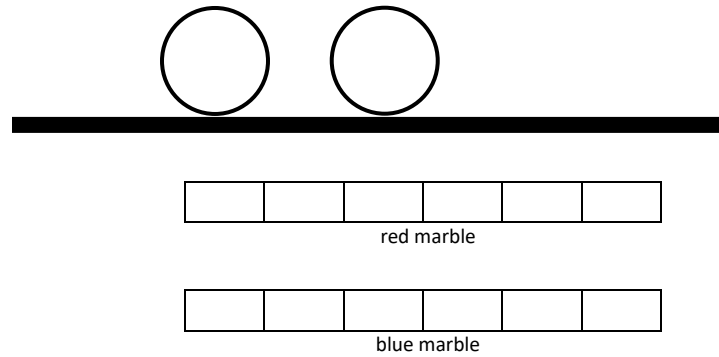


### Trial 3: A Large Amount of Energy

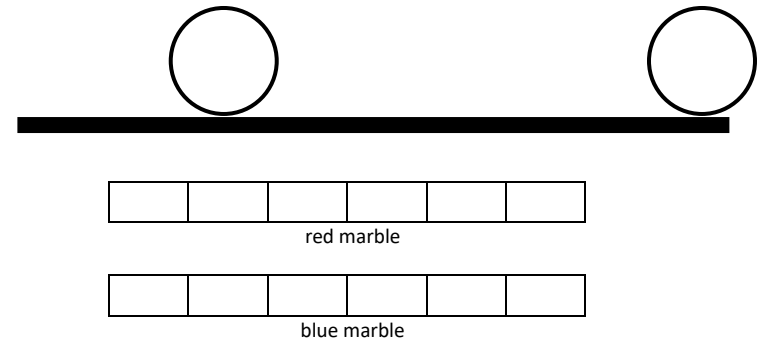
#### Energy bars

red energy bars for the red marble  
blue energy bars for the blue marble

1. The red marble is rolling toward the blue marble.



2. The red marble has just hit the blue marble.



**Investigating Energy Changes  
Analogy Map**

<b>Part of ruler-marble system</b>	<b>Represents ...</b>	<b>Part of car launcher system</b>	<b>They are alike because ...</b>
<b>Red marble</b>			
<b>Blue marble</b>			
		<b>Track</b>	