Assessment:

1. How does the actual data compare to the prediction you made?

2. If a body is being pulled in a circle and the force stops, what direction does the body follow?

3. What were the variables in this investigation?

4. How do mass, velocity and acceleration relate to each other in this investigation?

5. What causes a “tight” car? What causes a “loose” car?

Assessment:

1. How does the actual data compare to the prediction you made?
   - *Answers will vary*

2. If a body is being pulled in a circle and the force stops, what direction does the body follow?
   - *In a straight line tangent to the circle at the point at which the force stopped.*

3. What were the variables in this investigation?
   - *Independent: weight balance*
   - *dependent: time*

4. How do mass, velocity and acceleration relate to each other in this investigation?
   - *F = ma*

5. What causes a “tight” car? What causes a “loose” car?
   - *Car pushes, will not turn, needs more weight on front*
   - *Cat spins out, back tries to pass the front, needs more weight on back.*