# Blow and Go Student worksheet

Name:

Date:

Name some forces that might be acting on a parachuting person. What do each of these forces do for the parachuting person?

## Hypothesis:

**Every scientist must form a hypothesis before he/she conducts an experiment. The hypothesis helps the scientist to design the experiment effectively.**

Will the person drop towards the ground faster or slower when they release a parachute? Why?

Will a bigger parachute work better than a smaller parachute? Why?

## Results:

In order to be certain about scientific results, scientist must test their experiment several times. Therefore we will test our results 3 times to make sure nothing unexpected happens to our parachuting person.

Time that it took for the cone to hit the floor **without** a parachute:

1.

2.

3.

Time that it took for the cone to hit the floor **with a small** parachute:

1.

2.

3.

Time that it took for the cone to hit the floor **with a big** parachute:

1.

2.

3.

## Conclusions:

Did the cone fall faster or slower with a parachute compared to without a parachute? (circle one)

Faster Slower

Why?

Which size of parachute made the cone fall slower back down towards the ground? Why?