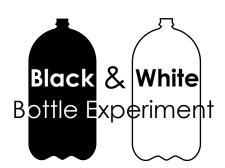
Name:



Prediction: Which balloon do you think will expand more quickly? Why?

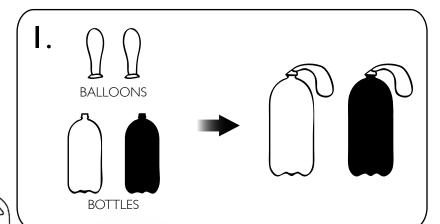
• Place the open end of one small balloon on the mouth of the white bottle. Do the same for the black bottle. Be sure the balloon forms a air tight seal.

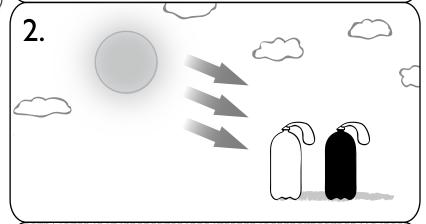
2. Place both bottles in bright sunlight either inside or outside.

3. Observe both bottles. You can use a watch to see how long it takes the balloons to change. In addition, touch both bottles and see if one feels warmer than the other.

4. Record the visual appearance of each balloon and how the balloons and bottles feel when touched. You can use the chart on the next page to diagram your results.







 258/2165/82496/4328905/8912304/8593265893207980728941049802

 053/93 2380245736106138796530124658916389107892366715622487058

 926789361756891670
 783675810378960893107589738

 947890275897263789
 4237447489897897897897897324895

 489712384156735240
 498345

 934597834529780435
 457894

 920126358901320785
 394307

 293984745876843278
 489395

 398459812348974513
 304328974325897234589723498

 74538977234789789543027708933402678940123748904317890657134890

Name:

Draw a diagram showing what happened to your bottles. What conclusions did you reach?

White Bottle	

Conclusions:

Black Bottle