

QUESTIONS

What brand of baby clothes is the most flammable?

HYPOTHESIS

I think Carters will be the most flammable.

MATERIALS

1. Four brands of baby clothes
2. Rope.
3. Clothes pins.
4. Two poles.
5. Blow torch or lighter
6. Water hose or fire extinguisher.
7. Two stopwatches.
8. Piece of paper and pen.

PROCEDURE

1. Tie the rope across the two poles.
2. Get the rope wet with water.
3. Take a pair of baby clothes and hang it on the clothesline.
4. Write down on paper the brands of baby clothes you are using.
5. Hang the clothes.
6. Put flame to the foot of clothes.
7. Start the stopwatch and time how long it takes for the pair of clothes to catch on fire.
8. Once the clothes are on fire start the next stopwatch and wait one minute.
9. Once one minute is up take the hose and spray the clothes until the fire is out.
10. Repeat steps four through nine for each pair of clothes.

DATA



VARIABLES

Independent: The brand of baby clothes.

Dependent: How long each pair of clothes took to ignite.

RESULTS

Carters is the most flammable brand of baby clothes. Nike is the second most flammable brand, Under Armor is third and then Kohls is the most fireproof.

CONCLUSIONS

Based on this experiment I have learned that Carters does use more highly flammable materials than the other brands.

APPLICATIONS

Now that we know this, people should probably not use carters, (unless you want to catch on fire.)

