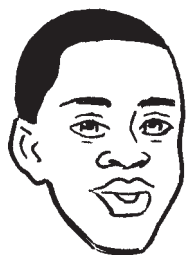


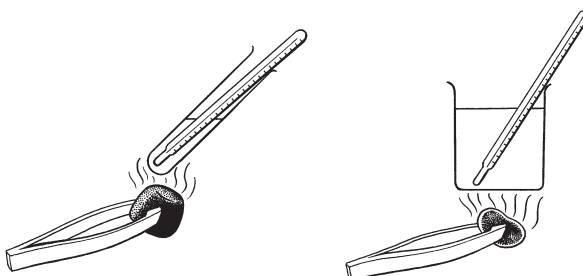
Burning foods

Tom was comparing two foods: marshmallow and crisps. He wanted to see which one gave off the most heat when they were burnt.



I think the marshmallow will give off the most heat because it contains a lot of sugar.

He performed his experiment like this:



These were the results that he recorded:

Food	Starting temperature (°C)	Finishing temperature (°C)
Marshmallow	30	40
Crisp	20	40

1. Tom's teacher told him that his investigation was not fair. Make a list of the ways in which you think Tom's investigation was not fair.

2. Do you think Tom's prediction was correct?

3. If Tom's prediction was wrong then there must have been something wrong with his scientific reason or the way he had performed his investigation. Apart from doing his investigation fairly, how else do you think Tom could improve the reliability of his investigation?
