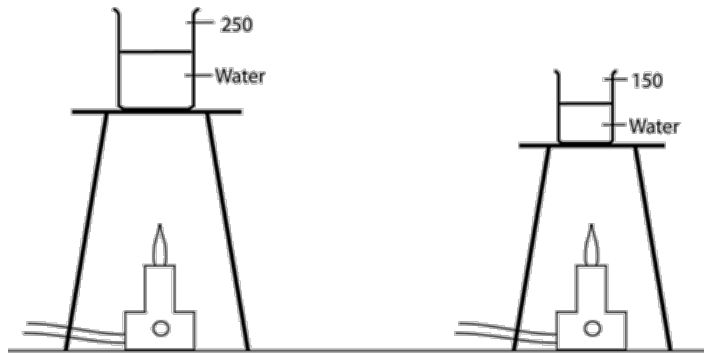


Boiling water

This task is about fair testing.

Jill

Toby



Jill and Toby wanted to see who could boil water the quickest. The diagram above shows how they each set up their equipment.

a) i) Whose water will boil faster? (*Select one*)

Jill's

Toby's

ii) Why did you choose this answer?

b) Toby said a blue flame is hotter than a yellow flame. Jill was not so sure.

To decide if Toby's statement is correct they set up a new experiment.

Jill used a yellow flame and Toby a blue flame.

What would they need to keep the same to be sure it was the colour of the flame they were testing?