



Name: Form:

See pages 6 and 7 of *Changing materials*

Heating

When a substance is heated, irreversible changes often occur.

Q1. In the space above, draw a fried egg and label the yolk and the white. Write next to each label how the part changes as it is heated.

Q2. When some solids are heated, a reversible change takes place. What is it?



Q3. How is pottery made? 



Q4. If clay is dried in air, is it a reversible change or an irreversible change? Explain your answer.





Q5. What temperatures are used to (i) bake clay, (ii) boil foods, (iii) bake bread and cakes?

(i)  (ii)  (iii) 

Q6. How do the properties of clay change when it is baked in a kiln?





