

- 1) In the following, label the things that are matter:  
Iron                      philosophy                      exhaust gas                      human body                      an idea.
- 2) Label the following as chemical or physical properties:  
a) sulfur is yellow    b) natural gas burns,  
  
c) diamond is hard;    d) iron melts at 1535 °C.
- 3) Label the following as chemical or physical change:  
a) wool is spun into yarn;    b) cake is baked from flour, eggs, sugar, oil;  
  
c) milk turns sour;    d) cutting a lawn;  
  
e) a piece of sodium is cut into small pieces.
- 4) Which of the following are homogenous or heterogenous mixtures:  
a) gasoline;    b) raisin pudding;    c) vanilla ice cream;  
  
d) water from the tap;    e) Italian salad dressing.
- 5) Which of the following are elements and which are compounds?  
Carbon                      chlorine                      table salt                      carbon dioxide                      iron.