

**C** Complete the paragraph with words and phrases from the list. Make any necessary changes.

trend      statistics      mortality rate      birthrate      population growth      demographic

..... indicate that there are over 6 billion people in the world, with an increase of a  
(1) million people each year. This ..... is not a result of an increased ..... . In fact, the  
(2) worldwide ..... is for women to have fewer children. This increase in population is mainly the  
(4) result of a decrease in the child ..... with more children living to adulthood. People are living  
(5) much longer lives. When the first humans walked the earth, the average person lived only to the age of  
(6) twenty. Today, the senior ..... is rapidly increasing in size, especially in developing countries.

**D** Rewrite each of the following sentences in the passive voice. Do not include a by phrase.

- 1 In two years, engineers will have designed a new factory.  
In two years, a new factory ..... (by the engineers) .....
- 2 Engineers are going to equip the factory with air filters.  
The factory ..... with air filters. (by the engineers) .....
- 3 Workers will recycle paper, metal, and plastic.  
Paper, metal, and plastic ..... (by workers) .....
- 4 They're going to treat waste before they release it into rivers.  
..... before it is released into rivers. (by them) .....
- 5 New technologies are going to reduce energy demands by 50 percent.  
Energy demands ..... by 50 percent. (by new technologies) .....
- 6 Pipes will collect rainwater, and they will transport it to tanks.  
Rainwater ..... to tanks. (by pipes) .....
- 7 Pipes will also carry excess heat from one building to another.  
Excess heat ..... from one building to another. (by pipes) .....