

6

C. Fill in the blanks with the given words. Then write the letters in the correct boxes.

Two qualities of air enable us to use it as a useful tool. Air can be 1. _____, and air can act as an 2. _____.

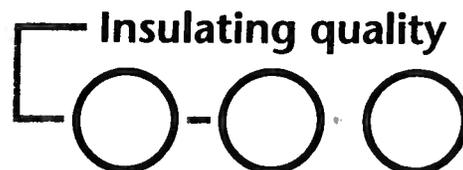
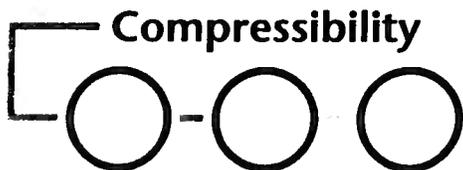
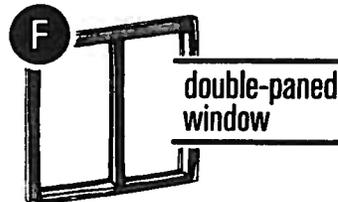
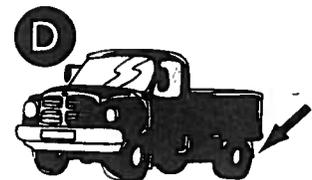
Air is compressed when more than the regular amount of air has been pushed into a container. More air in the same space exerts 3. _____ pressure.

Air acts as an insulator when it helps 4. _____ heat. The fur of my dog works in this way by trapping air to keep itself warm.

conserve
more
compressed
insulator



5.



D. Match each fact with the property of air. Write the letter.

Properties of Air

- A** Air has weight.
- B** Air takes up space.
- C** Air presses on things.
- D** Air can be compressed.
- E** Air resists things moving through it.
- F** Air expands when heated.
- G** Air has insulating quality.



Air Facts

1. A flat car tire is lighter than when it was full of air.
2. A flat piece of paper falls slower to the ground than a crumpled piece of paper.
3. Air molecules move around and spread out when heated.
4. Air expands to fill a container, but we may still put more air in it.
5. A feather down coat traps air within it. It keeps the warmth in and the cold out.
6. An "empty" water bottle immersed in water upside down will not fill with water because it is already full of air.
7. A card placed over the rim of a cup of water will hold the water in place while the cup is upside down. The only thing holding the card in place is the air underneath the card.