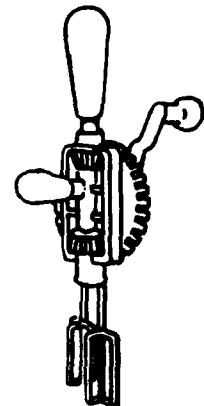
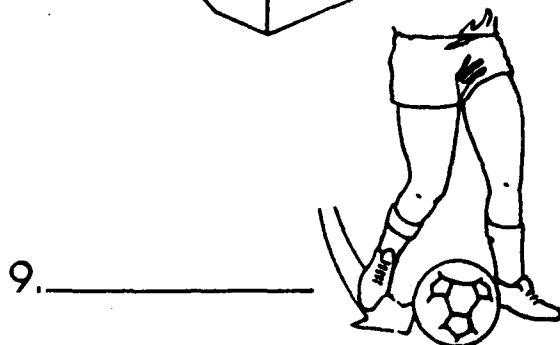
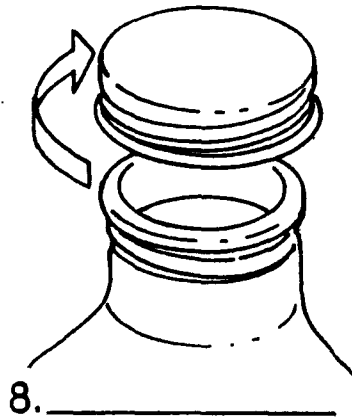
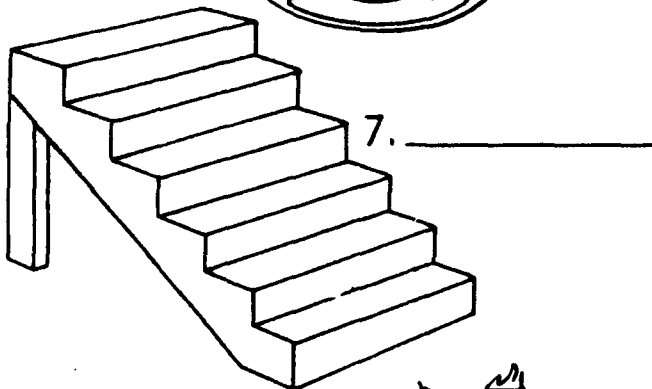
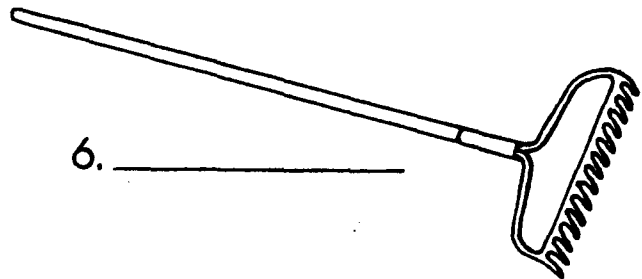
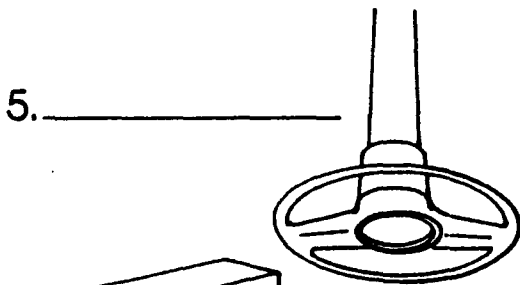
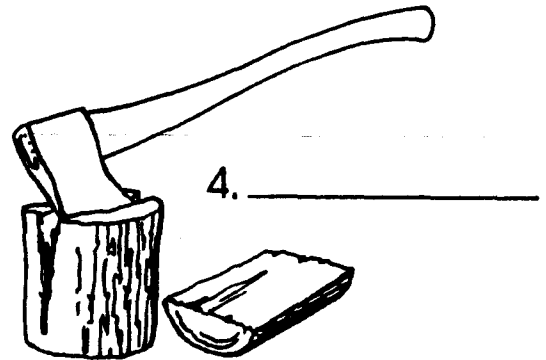
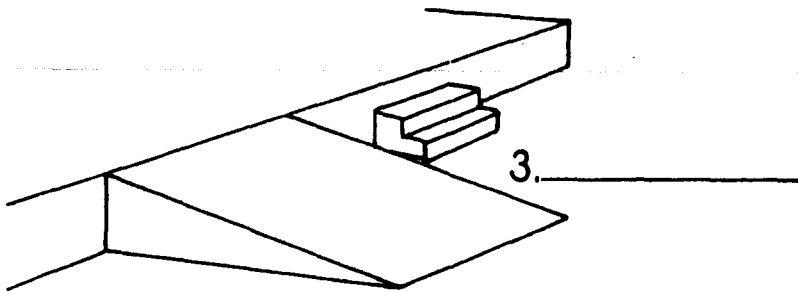
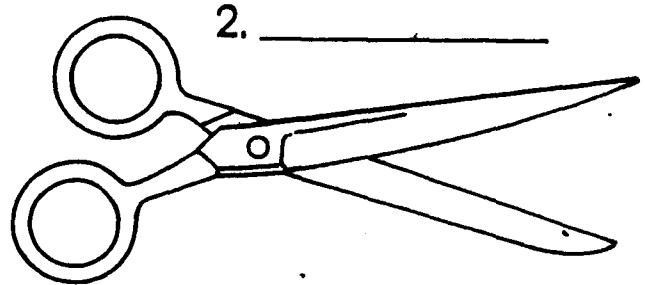
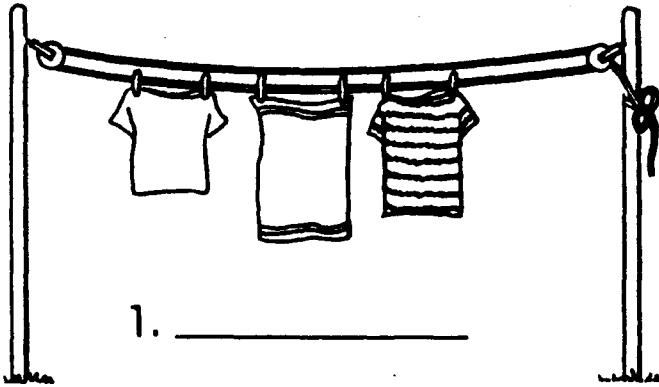


Simple Machines

What types of simple machines are shown in the following pictures?



STUDY GUIDE

● The Simple Machines

Short crypts are lists of related words written in a simple code in which a different set of letters has been substituted for the correct letters. The title of each list will give you a hint as to the subject of the list. Remember, the same code is used for the entire list. For example, if *c* stands for *k* in one word, *c* will stand for *k* in every word on the list. Each list has its own code. One word in each list has been done for you.

Code

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | C | D | E | F | G | I | J | K | L | N | O | R | T | U | W | X |
| e | r | h | i | c | l | o | s | m | v | d | u | t | g | a | f | n |

Prying into Things

1. GALAC _____
2. WOGFCOK _____
3. AWWICR UCK _____
4. CAJEJRUXFA UCK _____
5. KAFDUXEFUG UNLUXRUTA _____
6. NECAFREIX _____
7. FGUJJ _____

Code

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | I | J | L | N | O | Q | R | S | T | U | V | W | X | Z |
| i | e | l | o | s | h | u | x | a | b | k | t | w | y | d | g | c | n | p | r |

Keeping it Simple

8. XICCBS _____
9. RFBBC LWT LJCB _____
10. AWVCAWBT XCLWB _____
11. EVNBR _____
12. NCDVO LWT QLVOCB _____
13. UBLZ _____

In the space at the left, write the term that best completes each statement. Use the terms listed below.

block and tackle screw inclined planes pulley wheel and axle

- _____ 14. An inclined plane wrapped around a cylindrical post is a _____.
- _____ 15. A doorknob is an example of a _____.
- _____ 16. A grooved wheel with a rope or a chain running along the groove is a _____.
- _____ 17. Screws and wedges are types of _____.
- _____ 18. A system of pulleys is called a _____.