

# Wedges

A **wedge** is made up of two inclined planes. Unlike an inclined plane which does not move, the wedge moves to do work. Wedges can be used to lift things, separate things, or tighten and attach things in place. Use the terms in the word box to label each use of a wedge.

lift                      separate                      tighten                      attach

- 1 \_\_\_\_\_ A nail is a wedge. Drive the nail into a block of wood.
- 2 \_\_\_\_\_ A doorstop is a wedge. Prop a door open with a doorstop.
- 3 \_\_\_\_\_ The blades of a pruner are wedges. Cut a branch with the pruners.
- 4 \_\_\_\_\_ The blades on a pair of scissors are wedges. Use the scissors to cut paper.
- 5 \_\_\_\_\_ A piece of wood can be a wedge. A man slips a wedge under a heavy box.
- 6 \_\_\_\_\_ A chisel is a wedge. An artist uses a chisel to carve a statue.
- 7 \_\_\_\_\_ Paper staples are wedges. Use staples to hold pages together.
- 8 \_\_\_\_\_ An axe is a wedge. Use an axe to split a log.
- 9 \_\_\_\_\_ Little wedges of wood can tighten a loose chair leg. Hammer the wedges into the space where the chair leg is attached to the seat.
- 10 \_\_\_\_\_ Wedges of metal can secure the head of an axe. Pound the wedges into the wood where the handle joins the axe head.
- 11 \_\_\_\_\_ The edge of a snow shovel is a wedge. Use the shovel to push snow off your driveway.
- 12 \_\_\_\_\_ The blade of a knife is a wedge. Be careful as you slice a piece of cheese for a hamburger with the wedge.