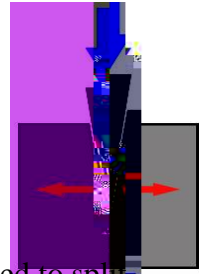


Name:

## Wedges

### Simple Machines



Wedges are used to split or separate objects

**Wedge:** a simple machine that is used to reduce the amount of force needed to split objects

By forcing an **edge** in between two things, it becomes easier to get them apart

They work by using the **edge** where two **inclined planes** meet to get into an object

This **splits** the object into two parts

The **wedge** is placed in between objects that are to be separated

The **force** behind the wedge pushes the objects apart

Draw a diagram of a **wedge**: label the **edge**

Name 3 wedges you might see in everyday life:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

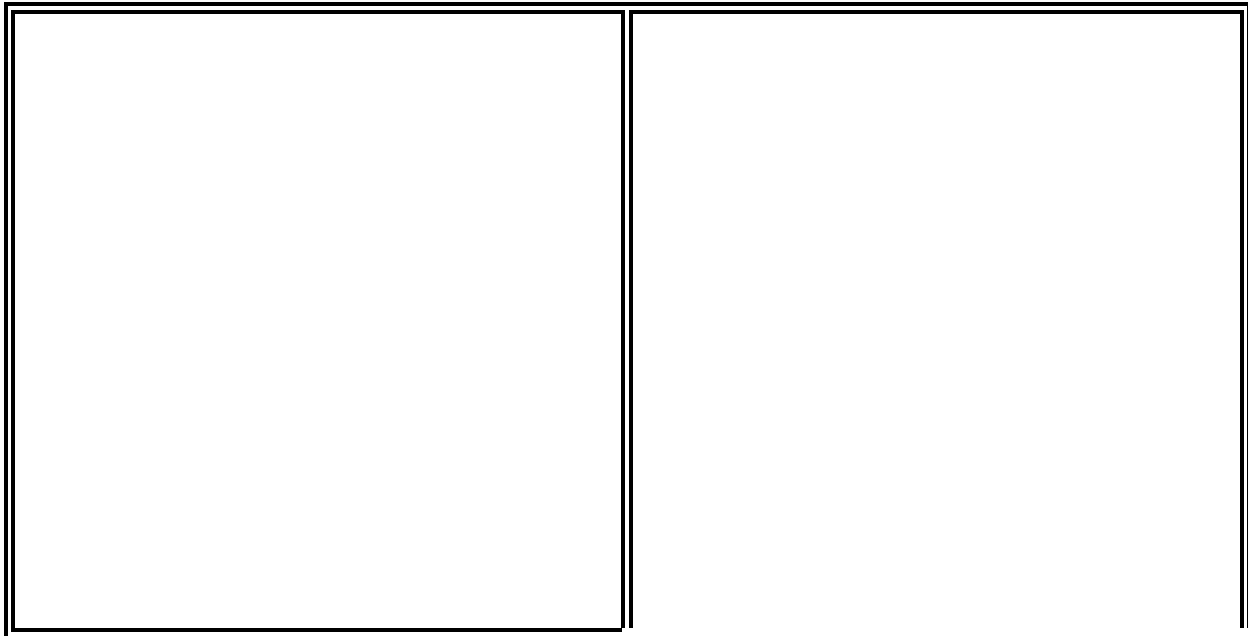
Build your own **wedges!**

Draw diagrams of all the different types of wedges you and your group can create with the wedge kits:

Label all the parts with the correct vocabulary!

See how much weight each can split!

What functions could they serve?

The image contains two large, empty rectangular boxes side-by-side, intended for drawing diagrams of wedges. Each box is defined by a double-line border. The left box is a square, and the right box is a horizontal rectangle.