

Explore How difficult is it to make a balanced system?

Materials

- 1 large flat-head nail
- 11 smaller flat-head nails
- 1 lump of clay

What to Do

- 1 Put on your safety goggles.
- 2 Place a large nail in a lump of clay so that the head is standing upward.
- 3 Obtain 11 smaller flat-headed nails.
- 4 Try to balance all eleven nails on the nail that is standing.
You cannot use anything except the nails

Explain Your Results

1. Describe your balanced system.
2. Draw a picture of how your system looks.