

Levers

Try out some familiar levers.

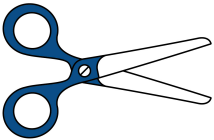
For each one, label the illustration with:

△ pivot point

→ force in (arrow points to where the force is applied)

→ force out (arrow points to where the resulting force is felt)

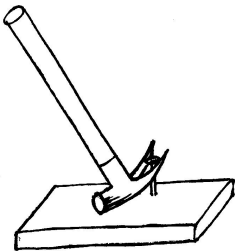
Scissors:



Nutcrackers:



Claw hammer and nail:



For each case, draw a horizontal line next to the illustration, representing the rigid lever. Show the order of the pivot point, force in and force out along the lever.

Which two examples are the same kind of lever?
(They have the same arrangement of pivot, force in and force out).