

Net Force Worksheet 5: Newton's Third Law

1. In the example below, the action-reaction pair is shown by the arrows (vectors), and the action-reaction described in words. In (a) through (g) draw the other arrow (vector) and state the reaction to the given action. Then make up your own example in (h).

Example:



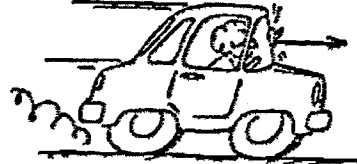
Fist hits wall.

Wall hits fist.



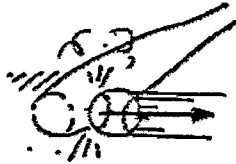
Head bumps ball.

(a) _____



Windshield hits bug.

(b) _____



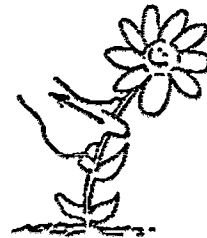
Bat hits ball.

(c) _____



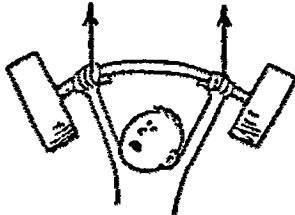
Hand touches nose.

(d) _____



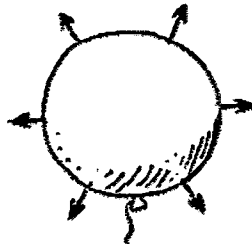
Hand pulls on flower.

(e) _____



Athlete pushes bar upward.

(f) _____



Compressed air pushes balloon surface outward.

(g) _____

(h) _____

2. Draw arrows to show the chain of at least six pairs of action-reaction forces below.

