Using the same procedure from your class Action-Reaction notes, complete the following action-reaction pair descriptions.

REMEMBER: The size of the force on the first object ____________ the size of the force on the second object. The direction of the force on the first object is ___________ to the direction of the force on the second object.

To identify and describe action-reaction force pairs:

1. Identify the two opposing ______________.
2. Make two statements describing what is pushing on what and in what _________________.
3. If there is a diagram, draw and label the action and reaction vectors.

List the action-reaction pairs of objects:

1. A person jumps on a trampoline.
   
   1. Identify the two opposing forces:
      1. ________________________
      2. ________________________
   2. Make two statements describing what is pushing on what and in what direction:
      
      Person pushes on _________ (an action).
      ________________________ pushes on person (the reaction).
   3. On the diagram, label the action and reaction vectors.
2. A boy leaps from a boat.

1. Identify the two opposing forces:
   1. ________________________
   2. ________________________

2. Make two statements describing what is pushing on what and in what direction: __________ pushes on __________ (an action). __________ pushes on __________ (the reaction).

3. Mrs. Pile swims in the pool.

1. Identify the two opposing forces:
   1. ________________________
   2. ________________________

2. Make two statements describing what is pushing on what and in what direction: __________ pushes on __________ (an __________). __________ pushes on __________ (the __________).

3. On the diagram, label the action and reaction vectors.

4. A person in a wheelchair passes a basketball.

1. Identify the two opposing forces:
   1. ________________________
   2. ________________________

2. Make two statements describing what is pushing on what and in what direction: __________ pushes on __________ (an action). __________ pushes on __________ (the reaction).

3. On the diagram, label the action and reaction vectors.

5. A rocket burns fuel preparing for lift off.

1. Identify the two opposing forces:
   1. ________________________
   2. ________________________

2. Make two statements describing what is pushing on what and in what direction: __________ pushes on __________ (an action). __________ pushes on __________ (the reaction).
3. On the diagram, label the action and reaction vectors.