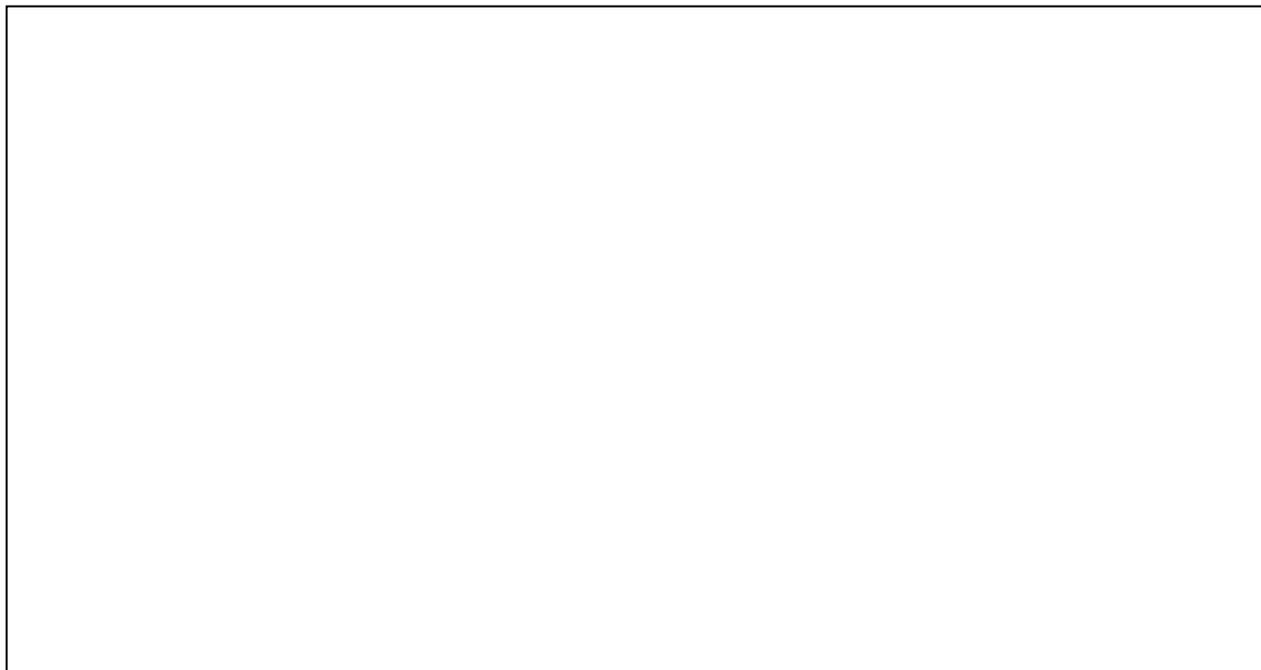




Draw a diagram of your experiment below:



**Conclusion:**

How did your experiment demonstrate Newton's Third Law of Motion? Use the words force, exerts, opposite, equal, and mass in your explanation.

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Your friend finally agrees that *part* of Newton's Third Law is true, but he is still slightly confused. He states that forces do act in opposite directions, but the forces must not be equal because when we push off the Earth, and the Earth pushes back on us, and we move. This means the Earth must be exerting *more* force on us, than we are on it. How would you correct your friend's belief?

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