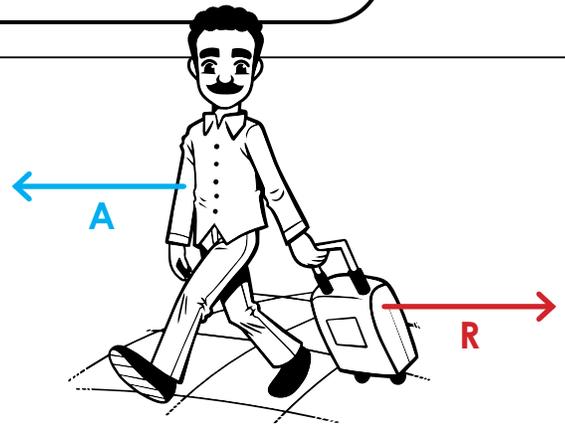


Name: _____

Action and Reaction Forces

An **action force** is the push or pull a first object exerts on a second object.

A **reaction force** is the push or pull the second object exerts back onto the first object in response to the action. It happens with equal force and in the opposite direction of the action force.



Action force: The man pulls the suitcase in the direction he walks.

Reaction force: The suitcase pulls backward in the opposite direction.

Look at each picture and description. Use arrows labeled **A** (action) and **R** (reaction) to show the direction of the action and reaction forces.

A banner featuring a superhero character on the left wearing a red cape and a blue mask with 'STW' on it. To the right, the word 'Preview' is written in large red letters. Below it, the text reads: 'Please log in to download the printable version of this worksheet.'

A girl bounces down on the ground.

A boy kicks a ball.

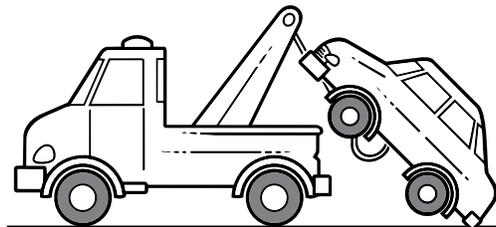
A boy pulls out a chair.

4.



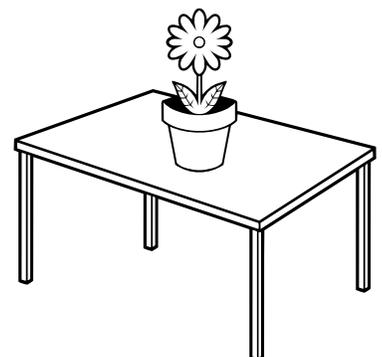
A woman lifts a box.

5.



A tow truck drags a car.

6.



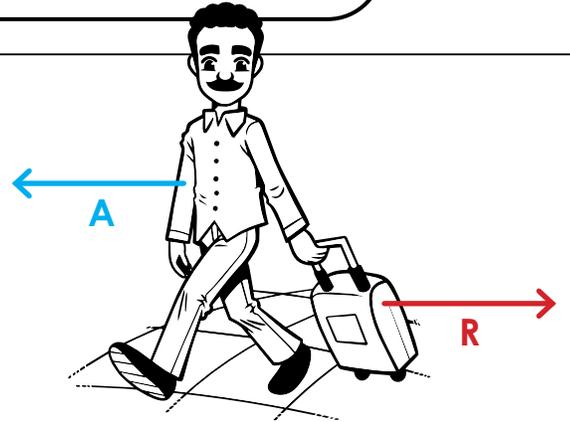
A flower pot rests on top of a table.

ANSWER KEY

Action and Reaction Forces

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Preview

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