

Name: _____ **Date:** _____



Have a look at the Picture Cards. Which show pushes and which show pulls? Stick them in the correct column in the table below.

Pushes	Pulls

Name: _____ Date: _____



How many examples of pushes and pulls can you think of?
List as many as you can in the table below.

Pushes	Pulls

Describe how this sledge is moving. What forces are there? What is in contact to create movement?



Describe how this wheelchair is moving. What forces are there? What is in contact to create movement?



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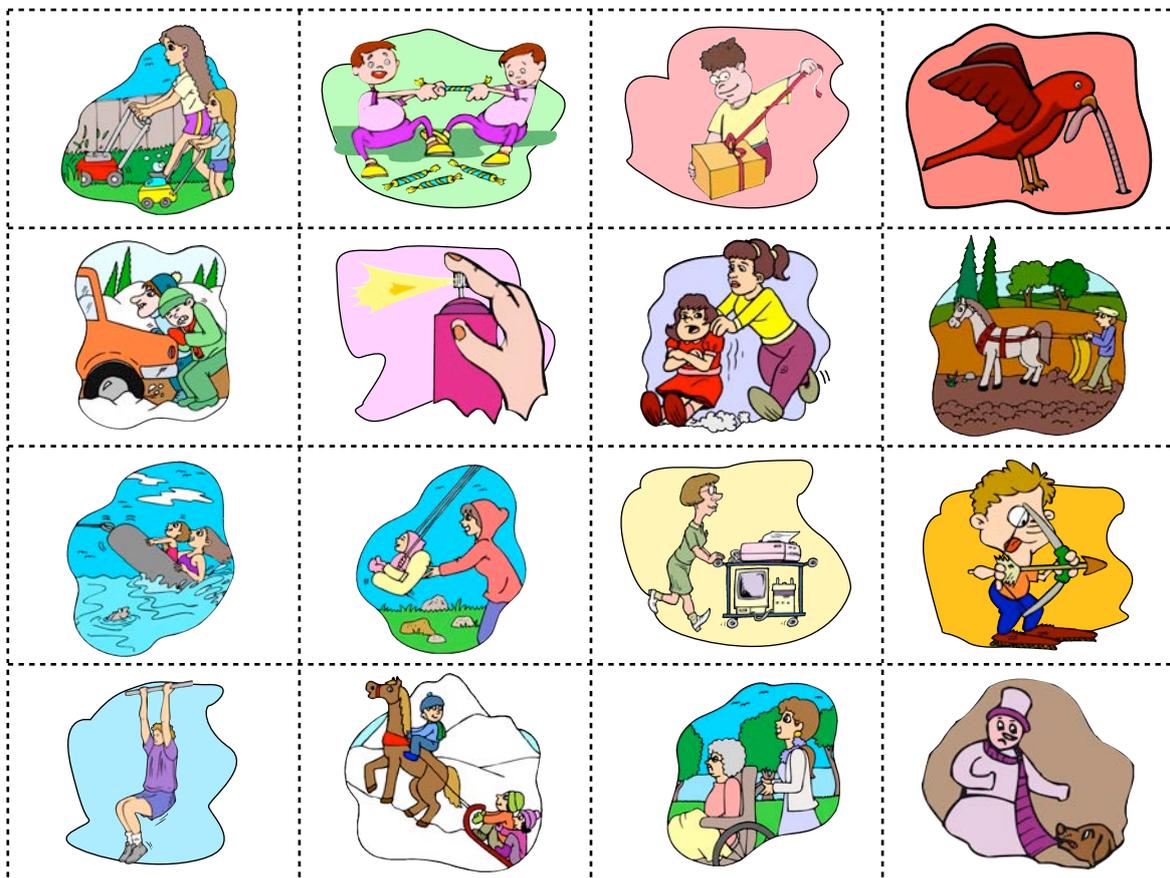
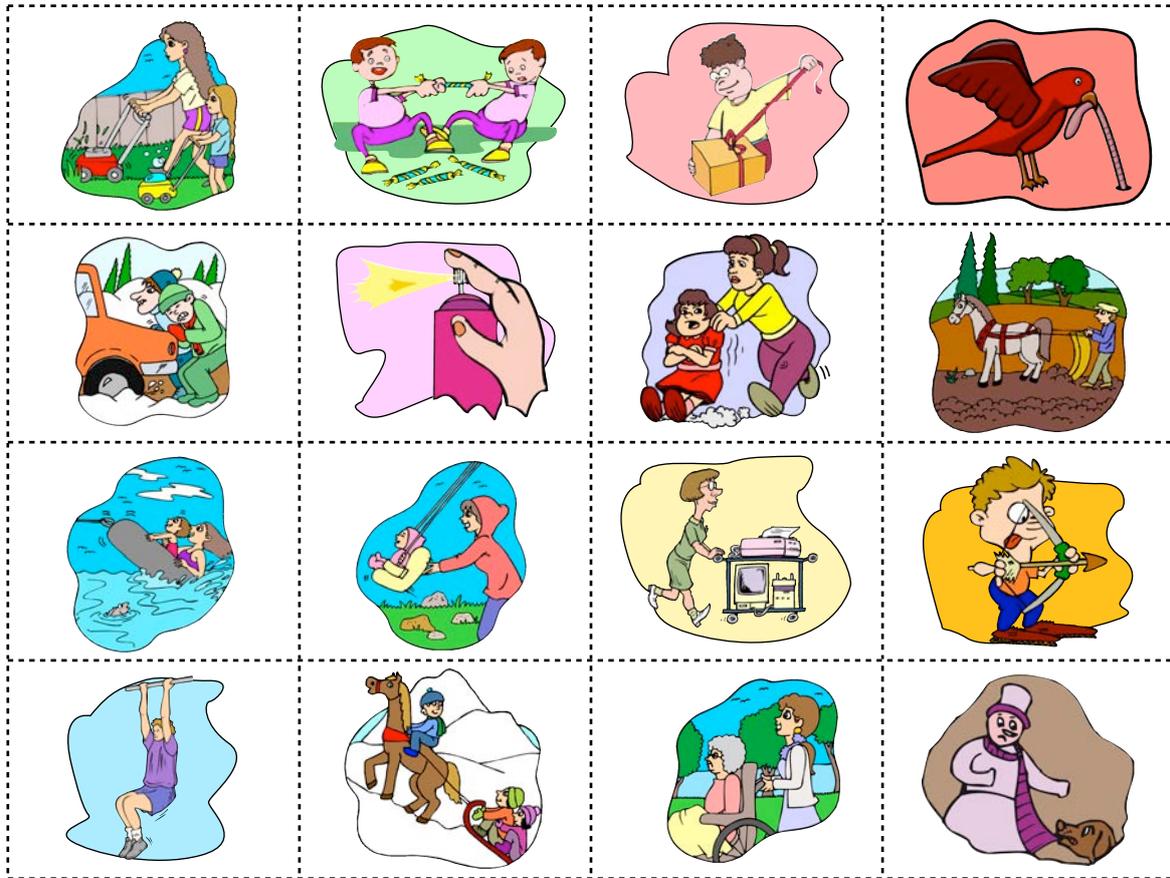


How many examples of pushes and pulls can you think of?
List as many as you can in the table below.

Pushes	Pulls

Draw an annotated diagram to show how forces can make a wheelbarrow move:

Draw an annotated diagram to show how forces can make a door open:



How can you make a chair move?

- ★ Can you push it?
- ★ Can you pull it?
- ★ Which direction do the forces act in?
- ★ What needs to be in contact in order for the chair to move?

How can you open a book?

- ★ What force do you need to open it?
- ★ What force do you need to close it?
- ★ Which direction do the forces act in?
- ★ What needs to be in contact in order for the pages to move?

How can you make a door move?

- ★ Can you push it?
- ★ Can you pull it?
- ★ Which direction do the forces act in?
- ★ What needs to be in contact in order for the door to move?

How can you make a pencil move?

- ★ Can you push it?
- ★ Can you pull it?
- ★ Which direction do the forces act in?
- ★ What needs to be in contact in order for the pencil to move?

What forces do you need to write your name?

- ★ What will you use to write?
- ★ What will move?
- ★ Which direction do the forces act in?
- ★ What needs to be in contact in order for you to write your name?

What forces do you need to clap your hands?

- ★ Do you push or pull or both?
- ★ What will move?
- ★ Which direction do the forces act in?
- ★ What do you need to move in order to clap?

What forces do you need to jump up and down?

- ★ Do you push or pull or both?
- ★ What will move?
- ★ Which direction do the forces act in?
- ★ What do you need to move in order to jump?

What forces do you need to open a window?

- ★ Do you push or pull or both?
- ★ What will move?
- ★ Which direction do the forces act in?
- ★ What needs to be in contact in order for the window to open?