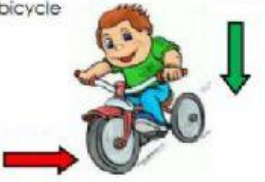

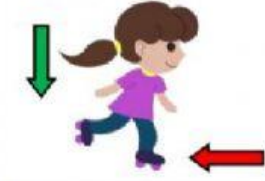

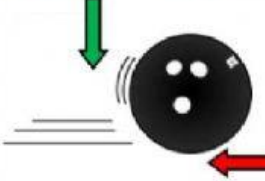



## Gravity and friction

Name: \_\_\_\_\_ Class: \_\_\_\_\_

For each situation, draw and label one arrow to show the pull of gravity and one to show the force of friction.

<p>Putting on the brakes to stop a bicycle</p> 	<p>Kid sliding down a slide</p> 
<p>Roller skating</p> 	<p>Sledding down a hill</p> 
<p>A ball rolling across the ground</p> 	<p>Pushing a box across the floor</p> 

## Friction and Air resistance

Q 1: Fill in the blanks with the words given in the word bank.

friction - force - stops or slows - resistance - air resistance

- Friction and air resistance are types of \_\_\_\_\_.
- Friction is the force that \_\_\_\_\_ objects which are sliding past each other.
- A rolling ball will come to a stop because of \_\_\_\_\_.
- The force that opposes the force of gravity in the air is called the air \_\_\_\_\_.
- \_\_\_\_\_ stops paper from falling quickly.

Q 2: Which type of force is present in the following pictures. Write 'A' for air resistance and 'F' for friction.



**LIVEWORKSHEETS**