

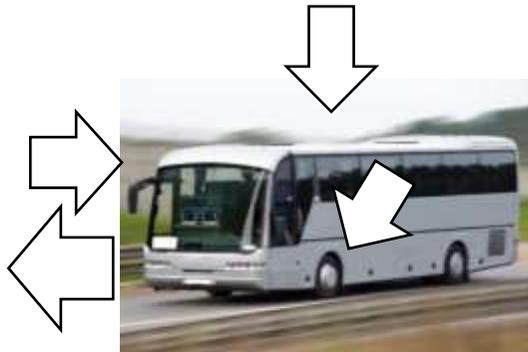
Date _____

Name _____

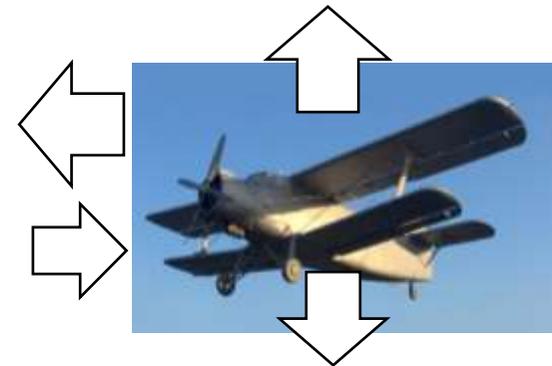
Types of forces

Look at the images below. Label the arrow with the correct letter which corresponds to the force being applied.

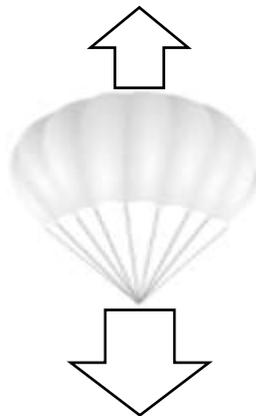
A moving coach



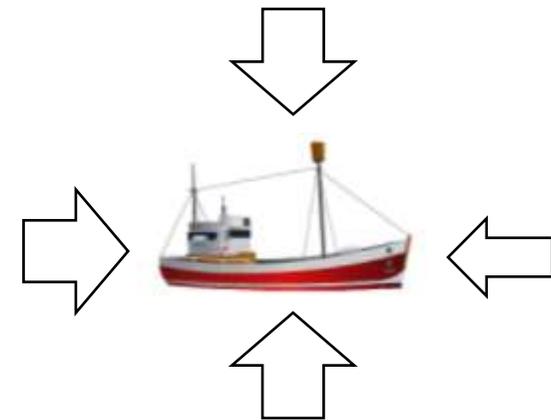
A flying plane



A parachute falling to earth

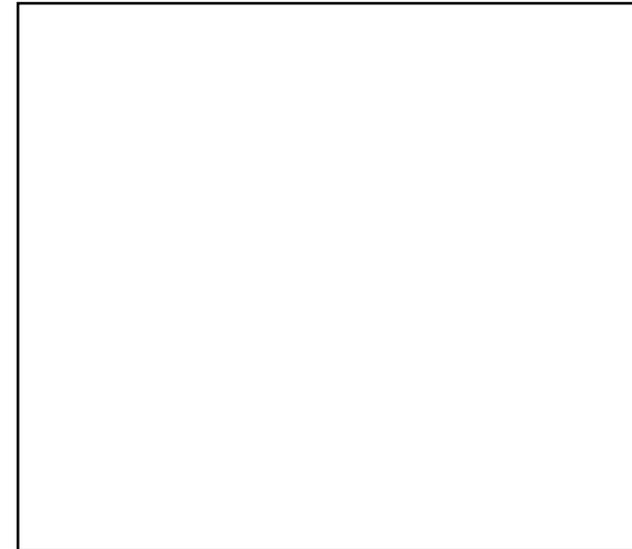
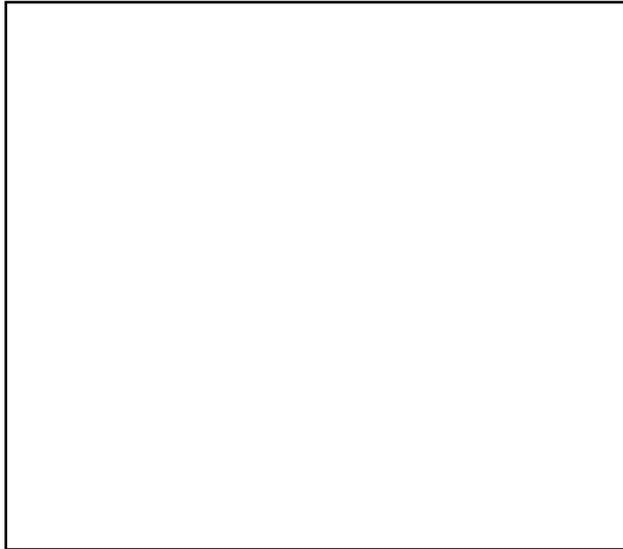


A moving boat on water



<u>Force</u>	<u>Letter</u>
Air resistance	A
Friction	B
Gravity	C
Lift	D
Propulsion	E
Thrust	F
Up thrust	G
Water resistance	H

In the spaces below, draw two of your own pictures and label the forces acting upon them.



Which force is being described in each sentence?

When a parachute is deployed I am an opposing force to gravity. What am I? _____

I am a force which occurs when a brake is applied. What force am I? _____

I am a force which acts on a boat in water to keep it afloat. What force am I? _____

I am a force which moves a plane along in the sky. What force am I? _____

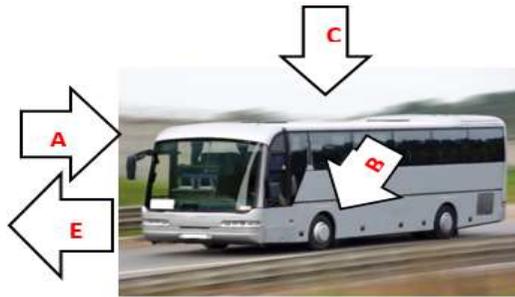
I am a force which acts against a plane, slowing it down. I have two names. _____

In some questions, alternative answers maybe acceptable. The likeliest answers are given below. If questions have more than one answer, teachers should use their own judgement when marking.

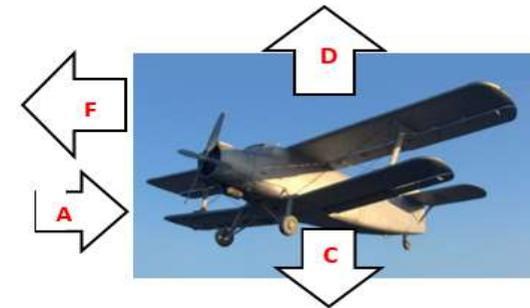
Look at the images below. Label the arrow with the correct letter which corresponds to the force being applied.

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Air resistance	A
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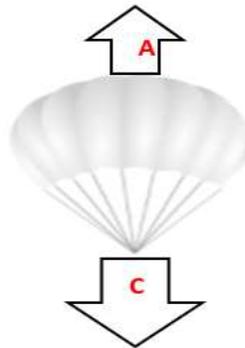
A moving coach



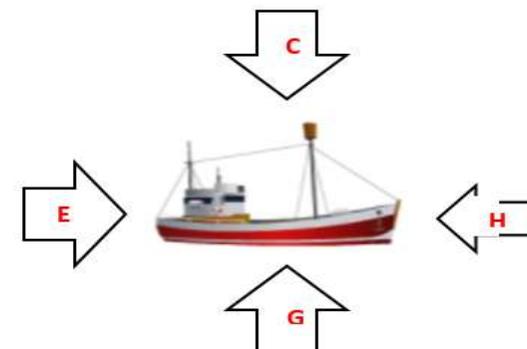
A flying plane



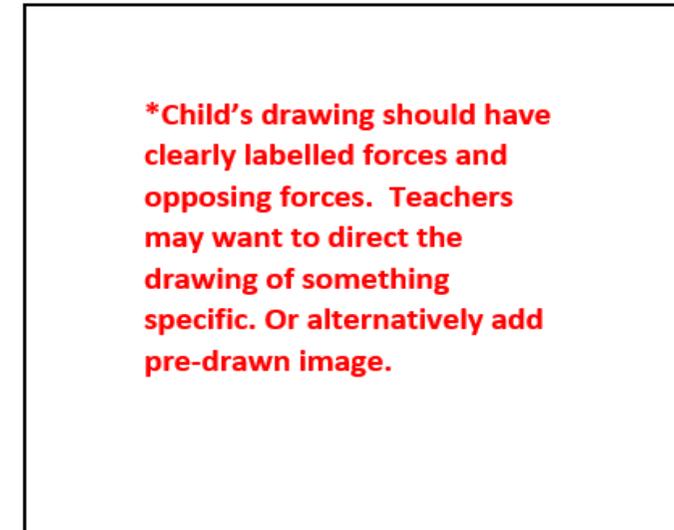
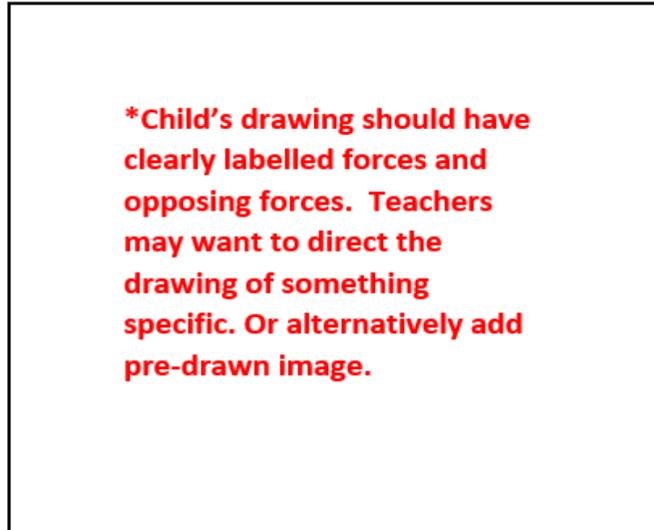
A parachute falling to earth



A Moving boat on water



In the spaces below, draw two of your own pictures and label the forces acting upon them.



Which force is being described in each sentence?

When a parachute is deployed I am an opposing force to gravity. What am I? **Air resistance**

I am a force which occurs when a break is applied. What force am I? **Friction**

I am a force which acts on a boat in water to keep it afloat. What force am I? **Uplift**

I am a force which moves a plane along in the sky. What force am I? **Thrust**

I am a force which acts against a plane, slowing it down. I have two names. **Air resistance and Drag**