

**Forces in Fluids** • *Vocabulary Skill*

## Identify Multiple Meanings

Some familiar words have more than one meaning. Words you use every day have different meanings in science. Look at the different meanings of the words below.

Word	Everyday Meaning	Scientific Meaning
<b>fluid</b>	<i>n.</i> a liquid <b>Example:</b> It's good for your health to drink plenty of <u>fluids</u> every day.	<i>n.</i> A substance that can easily flow; a gas or a liquid <b>Example:</b> Like water, air is a <u>fluid</u> .
<b>force</b>	<i>v.</i> To use power to make someone do something <b>Example:</b> She had to <u>force</u> herself to get up early.	<i>n.</i> A push or pull exerted on an object <b>Example:</b> You exert <u>force</u> when you open and close a door.
<b>pressure</b>	<i>n.</i> A feeling of being pushed to do things <b>Example:</b> Students may feel <u>pressure</u> from adults to do well on tests.	<i>n.</i> The force exerted on a surface divided by the total area over which the force is exerted <b>Example:</b> When air leaks from a tire, the <u>pressure</u> is reduced and the tire becomes soft.

### Apply It!

Read the sentences below and identify whether the italicized term has a scientific meaning or an everyday meaning. Then answer question 5.

1. Jack poured the *fluid* down the drain. - *Everyday meaning*
2. The individual particles of *fluid* combine to create pressure. - *Scientific meaning*
3. The *force* we exerted on the boulder eventually moved it. - *Scientific meaning*
4. You can't *force* someone to do something they don't want to do. - *everyday meaning*
5. What is another everyday meaning of *force* as a noun?

*Fighting strength*