

Name _____

Date _____

Breath Calculations

Follow these steps to find out how many of your breaths come from phytoplankton every day!

Steps	Examples
<p>Step 1 Measure the number of breaths you breathe in thirty seconds. Record your number below.</p> <p>Answer: _____ breaths in thirty seconds</p>	<p><i>10 breaths in thirty seconds</i></p>
<p>Step 2 Calculate the number of breaths you breathe in one minute.</p> <p>Answer: _____ (Answer from Step 1) \times 2 = _____ breaths in one minute</p>	<p><i>10 \times 2 = 20 breaths in one minute</i></p>
<p>Step 3 Calculate the number of breaths you take in one hour.</p> <p>Answer: _____ (Answer from Step 2) \times 60 minutes = _____ breaths in one hour</p>	<p><i>20 \times 60 = 1,200 breaths in one hour</i></p>
<p>Step 4 Calculate the number of breaths you take in one day.</p> <p>Answer: _____ (Answer from Step 3) \times 24 hours = _____ breaths in one day</p>	<p><i>1,200 \times 24 = 28,800 breaths in one day</i></p>
<p>Step 5 Calculate the number of your breaths that come from Prochlorococcus.</p> <p>Answer: _____ (Answer from Step 4) \div 5 = _____ breaths per day that come from <i>Prochlorococcus</i></p>	<p><i>28,800 \div 5 = 5,760 daily breaths come from Prochlorococcus</i></p>