

# Pyramid of Numbers

A **Pyramid of Numbers** shows the relative numbers of organisms at each trophic level. Unlike a Pyramid of Energy, a Pyramid of Numbers is not always right side up. For example, a single organism such as a tree can support many individual lifeforms.

1. In the space below, sketch a pyramid of numbers for the following food chain:



White Oak tree	1
caterpillars	300
cardinals	25
hawk	1

2. Is this pyramid shaped like a typical pyramid? Explain.

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3. Would a biomass pyramid for this same food chain be shaped like a typical pyramid? Explain.

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