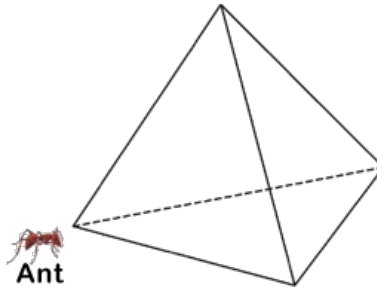# Crawling ant problem

This task is about faces, edges and vertices of a 3-dimensional shape.

An ant crawls along the edges of this shape (it is a tetrahedron). The ant does not crawl along any edge twice.

a)   What is the **greatest** number of edges the ant can crawl along? _____

b)   Draw arrows on the shape to show the ant's journey.

c)   How many different vertices does this shape have? _____