

# The Three Jugs Problem

Two friends who have an eight-quart jug of water wish to share it evenly. They also have two empty jars, one holding five quarts, the other three. How can they each measure exactly 4 quarts of water?

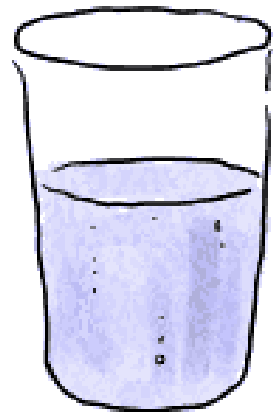
Investigate!!



3 quarts



5 quarts



8 quarts