## **CROSSING THE RIVER**

Eight adults and two children need to cross the river and they only have one boat available. The boat can only hold one adult or one child or two children. Everyone in the group is able to row the boat. How many one-way trips will it take for everyone to cross the river?

How many one-way trips will it take for 10 adults and two children? 15 adults and two children?

Can you design a general rule that would work for any number of adults and two children?