**SUGGESTED ORDER (Look for others in Logic Problems Doc)**

Chaperone

Cannibals and Priests

Jealous Husbands

Castle Crossing Problem

Crossing the Bridge

Crossing the River (Money Problem)

Chinese River Crossing Problem (DIFFICULT)

**Cannibals and Priests**

There are three Priests and three Cannibals that need to get across a river. They have a rowboat that only holds two people at a time. Also, there can never be more Cannibals than priests on either side of the river because the Cannibals will eat the priests. (For example, if you send a Cannibal over to a side of the river with one Priest and one other Cannibal there, the Priest will be eaten.) Your goal is to get all three Priests and all three Cannibals over to the other side of the river without anyone being eaten.

**Crossing the Bridge**

Alice, Bob, Carrie, and Dan have to cross a rickety bridge. The bridge can only hold two people at a time. They also have a flashlight, and one person on the bridge must be always holding the flashlight. Alice can cross the bridge in 1 minute, Bob can cross the bridge in 2 minutes, Carrie can cross the bridge in 5 minutes, and Dan can cross the bridge in 10 minutes. What is the fastest amount of time that all four of them can cross the bridge?

* Teachers please note, this problem has no tricks, no one is carrying another person, dragging them, running, etc.
* There is a good answer and a best answer
* You are as fast as the slowest person on the bridge

**Chinese River Crossing**

**This is an online river crossing problem, here is the website:**

<http://bootstrike.com/LaughterHell/Featured/riveriqtest.php>

When you login, you will see a page written in Chinese. Click on the blue circle and it will take you to the activity.

The rules of the activity are underneath the animation, do not scroll too far down because it will ruin the activity. We highly suggest typing the rules down and handing them to students so they do not do the activity.

There is a consequence for breaking the rules, please do this activity before your students so you will understand their funny reactions to the game.