

Name _____

Math Power #4

Four musicians are trying to cross a river in a canoe so they can play on the other side. The canoe holds two people at most and only travels as fast as the slowest person. At least one person must take the canoe back. They must all cross in 17 minutes or less.

John – Takes 1 minute to cross

Paul – Takes 2 minutes to cross

George – Takes 5 minutes to cross

Ringo – Takes 10 minutes to cross

Example:

J P G R	→ J P		Minutes
			2
G R	← J	P	1
G	→ J R	P	10
G	← J	P R	1
	→ J G	P R J G	5

Total Minutes = 19

Failed!