



## Four Friends and Their Dog are Trapped on an Island

Four friends and their dog are trapped on an island when rising floodwaters tear out the bridge that they had used just a few hours earlier. They want to get back home!

When they had just given up hope, Elaine says, "I found a small boat and oars." But their joy was short-lived. The manufacturer's instructions printed on the boat stern said that the boat could only carry 180 pounds.

The dog is the only one who can swim (doggie paddle) so they need to use the boat.

George weighs 170

Kramer weighs 155

Jerry weighs 90

Elaine weighs 80

Oakley the dog weighs 15

What's the fewest number of crossings they have to make to save everybody and how do they do it? Scroll down for the Solution after you solve (or think you solved) the puzzle.

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# Solution

(The fact that the dog can swim is a red herring; you don't need that information)

Here's how it's done.

	<u>Island</u>	<u>Mainland</u>
Trip 1: Jerry and Elaine (170) row to mainland:	George, Kramer, Oakley	Jerry, and Elaine
Trip 2: Jerry (90) rows back to island:	Jerry, George, Kramer, Oakley	Elaine
Trip 3: Kramer and Oakley (170) row to mainland:	George, Jerry	Elaine, Kramer, and Oakley
Trip 4: Elaine (80) rows back to island:	George, Jerry, Elaine	Kramer and Oakley
Trip 5: Jerry and Elaine (170) row to mainland:	George	Jerry, Elaine, Kramer Oakley
Trip 6: Jerry (90) rows back to island:	George, Jerry	Elaine, Kramer and Oakley
Trip 7: George rows to Mainland	Jerry	George, Elaine, Kramer and Oakley
Trip 8: Elaine rows to Island	Jerry, Elaine	George, Kramer and Oakley
Trip 9: Elaine and Jerry row to the mainland	-	They're saved!