

Goat Crossing Worksheet



Characters in the Game: Sheppard, Wolf, White Goat, Black Goat, White GoatLing 1, White GoatLing 2, Black GoatLing 1, Black GoatLing 2.

1) How many different combinations of 2 Animals/People are there not worrying about the rules of the game? *Show your work.*

2) How many different combinations of 2 Animals/People are there following the rules of the game? *Show your work.*

3) How many different combinations of 2 Animals/People can cross the river together following the rules of the game? *Show your work.*

4) Express your answers from problems #2 and #3 as a fraction of a whole, decimal, and percent (hint: answer to #1 is the whole) *Show your work.*