

Name: _____ Period: _____ Date: _____

Proofs with Uno Assignment

Part 1

Using the techniques discussed in class. Prove each problem by using some or all of the cards mentioned in the problem. Complete a two-column proof for each exercise, with statements and reasons in the columns. A reason is needed for each statement. The final statement will be the item being proved.

Example:

Given: Yellow 4

In your hand you have Red 4, Blue Draw 2, Blue Skip, Green Skip and Green 4.

Prove: Blue Draw 2

Statement	Reason
Yellow 4	Given
Green 4	Same Number
Green Skip	Same Color
Blue Skip	Same Symbol
Blue Draw 2	Same Color

All cards could have been played with an additional step by starting the proof with the Red 4.

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1) **Given:** Green Draw 2

In your hand you have Yellow 8, Blue 6, Red Skip and Green Skip.

Prove: Red 4

Statement	Reason

2) **Given:** Red Draw 2

In your hand you have Red 8, Yellow 9, Green 9, Green 6, Blue 8, Blue Draw 2 and Red 4

Prove: Yellow 4

Statement	Reason

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3) **Given:** Blue 6

You have in your hand Green Reverse, Blue Reverse and a Wild Card.

Prove: Red 7

Statement	Reason

4) **Given:** Yellow Draw 2

In your hand you have Green 6, Red 6, Red Reverse, Red Draw 2 and Yellow 6.

Prove: Green 7

Statement	Reason