

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 exercises, with statements and reasons in the columns. A reason needed for each statement. The final statement will be the item proved.

1) **Example:**

Given: Yellow 4,

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

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.

1) **Given:** Green Draw 2,

Prove Red 4. In your hand consists you have Yellow 8, Blue 6, Red 4, Red Skip, Green Skip.

[illegible]

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2) **Given:** Red Draw 2,
Prove: Yellow 4. In your hand you have Red 8, Yellow 9, Green 9, Green 6, Blue 8, Blue Draw 2, Yellow 4, Red 4.

Statement	Reason

3) **Given:** Blue 6,
Prove Red 7. You have in your hand Green Reverse, Blue Reverse, Red 7 and a Wild Card.

Statement	Reason

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4) **Given** Yellow Draw 2,

Prove Green 7: In your hand you have Green 6, Red 6, Red Reverse, Red Draw 2, Green 7, and Yellow 6.

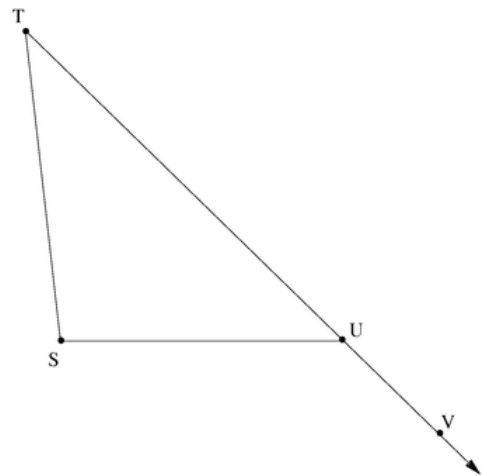
[illegible]

Proofs with Uno Assignment

Part 2

Given: $m\angle T = 30$
 $m\angle VUS = 135^\circ$

Prove $m\angle S = 95^\circ$



Statement	Reason