

**2016 John O'Bryan Mathematical Competition**  
**Questions for the Two-Person Speed Event**

**\*\*\*Calculators may not be used on the first four questions\*\*\***

1. There are  $k < 25$  players in a game who stand in a circle. The players are numbered consecutively

Names: \_\_\_\_\_

School: \_\_\_\_\_

2016 FLOW MEET #10

### Answers for the Two-Person Speed Event

**Note:** All answers must be written legibly and in simplest form. Exact answers are to be given unless otherwise specified in the question. No units of measurement are required. Each problem has the

Name: \_\_\_\_\_ANSWERS\_\_\_\_\_

Team Code: \_\_\_\_\_

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points for each problem. The number of points for each problem will be based on problem difficulty.

[The following area contains multiple horizontal lines for writing answers, with several lines obscured by black redaction bars.]