

$$|50 - 10|$$

randomly throwing two fair 6-sided dice (the faces of each die are labeled with the values 1, 2, 3,

mean of the first three common terms of these sequences.

4. Let $y = mx + b$ be the equation of a line that contains $(2, 18)$ and is perpendicular to the line whose

some order form an arithmetic sequence. Express your answer as an improper fraction reduced to

$$m^2 + n^2 = m^2 + n^2$$

Names: _____

Team Code: _____

2015 John O'Bryan Mathematical Competition
Two-Person Speed Event

SCORE

Calculators are not allowed to be

2nd: 6 points
All Others: 3 points

There is another minute time limit.

7.

T2.

