

Tuesday, April 30, 2019

• Warm-up

- Create a sample space for the sum of two tetrahedral dice and calculate the probabilities:

	1	2	3	4
1	2 _P	3 _P	4 _P	5 _P
2	3 _P	4 _P	5 _P	6 _P
3	4 _P	5 _P	6 _P	7 _P
4	5 _P	6 _P	7 _P	8 _P

- $P(\text{even sum}) = \frac{8}{16} = \frac{1}{2}$ $\rightarrow \frac{9}{16} + \frac{7}{16} - \frac{4}{16}$
- $P(\text{prime sum OR 2 on dice}) = \frac{12}{16} = \frac{3}{4}$
ME either condition
- $P(\text{identical rolls AND sum of 5}) = \frac{0}{16} = 0$
both conditions at the same time
- $P(\text{identical rolls} \mid \text{sum of 4}) = \frac{1}{3}$
conditional given \rightarrow $\frac{1}{3}$ *Not independent*
 $P(\text{identical}) = \frac{4}{16} = \frac{1}{4}$

• Review

Objectives

Content: I will review content from the unit through practice and creating a “notes” sheet.

Social: I will use my time wisely so that I am prepared for the unit test.

Language: I will read questions carefully and use clear vocabulary in my solutions.

Review

PLUS – make
your one page
notes sheet
for the test

Objectives

Content: I will review content from the unit through practice and creating a “notes” sheet.

Social: I will use my time wisely so that I am prepared for the unit test.

Language: I will read questions carefully and use clear vocabulary in my solutions.