

MONDAY, APRIL 15, 2019

- Warm-up

- Describe how each capital letter transforms the sine wave in the equation:

$$y = \mathbf{A} \sin \mathbf{B}x + \mathbf{C}$$

A → amplitude: how far it goes up from the midline
B → frequency: number of complete cycles in 2π
C → vertical shift

- Talk about tests

- Basic Probability

Objectives

Content: I will use the definition of probability in game situations.

Social: I will participate in the class activities.

Language: I will use the following vocabulary **probability**, **favorable outcome**, **total outcomes** and **replacement** in my reading, writing and speaking.

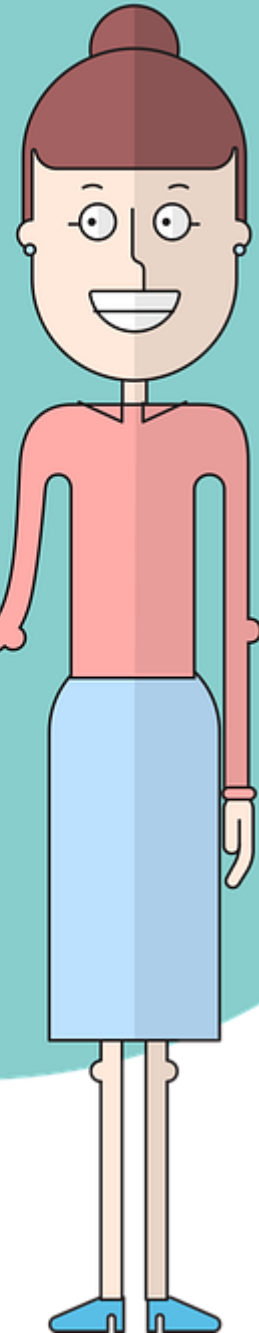
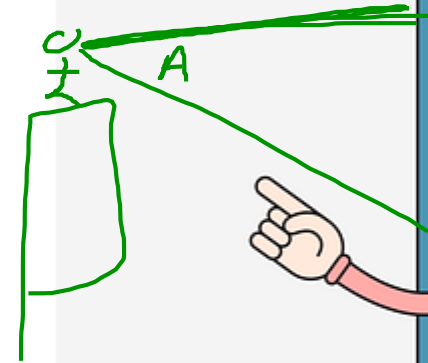
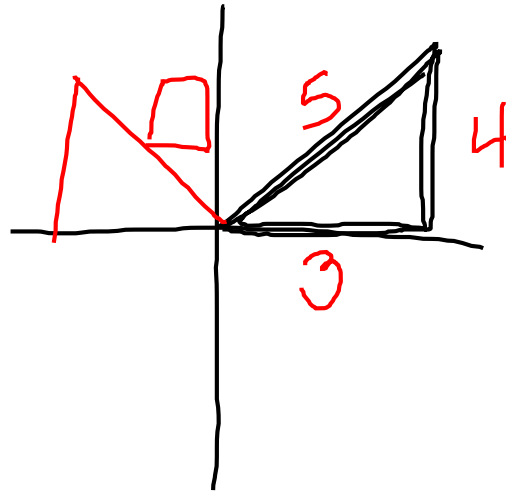
Talk About Tests

Advice for 6th & 7th

for me
for them

Angle of Depression (Elevation)

Frequency / Period



Reminder: How to Calculate Probability

52 total

4 suits



13 values

A, 2-10, J, Q, K



$$P(K) = \frac{5/4}{52} = \frac{1}{13}$$

now Jack is gone

$$P(K) = \frac{5/4}{51} \quad \frac{3}{51} \text{ (not replacement)}$$

$$P(\text{event}) = \frac{\text{number of favorable outcomes}}{\text{total number of outcomes}}$$

★ Simplify fractions

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