ALGEBRA 4

Day 58

Today's Game Plan

- Bell Work
- Copy down things to study so you know what is on the test
- Take a small OPEN NOTE quiz [turn in when done]
- Work on review assignment and any missing assignments listed on the board [infinite campus is up to date as of Friday so check online if you're not sure]

Bell Work

What fraction lies exactly halfway between $\frac{2}{3}$ and $\frac{3}{4}$?

F. $\frac{3}{5}$

G. $\frac{5}{6}$

H. $\frac{7}{12}$

J. $\frac{9}{16}$

K. $\frac{17}{24}$

Bell Work Explained:

- To find the middle of two numbers (fractions or not) we simply add the two numbers together and divide it by 2.
- We can do this in the calculator (use the faction a b/c button) and add the two fractions together. Then divide the answer by 2.

- Your answer is: K

Things to Study

Level 2:

Fundamental Counting Principal
Combination & Permutation
Probability
Mutually Exclusive
Independent vs Dependent

Level 3:

Set up & Solve Combination and Permutation
Probability with multiple events

Level 4:

Set up and solve your own probability problems

Quiz: Level 2

- You have 10 shirts and 8 pairs of pants. How many outfits could you wear?

- A bag has 6 red, 4 green, and 10 blue marbles.

  Find P(green) *P(not red)*

- Is the following independent or dependent: a student flips a coin and they roll and even number on a die?

Quiz: Level 3

- If you have 6 novels, and 4 comic books in your backpack. How many ways can you randomly select two of them to read?
- A bag has 6 red, 4 green, and 10 blue marbles.

  Find P(green or red)
  P(red then red) [with and without replacement]

Quiz: Level 4

The dance coach has decided to randomly choose 4 players to represent the team as captains. The team consists of 12 seniors and 8 juniors. What is the probability that only one senior will be chosen?

Review Assignment

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