Mr. Baroody's Web Page



you are here > Class Notes - Chapter 1 - Lesson 1-9

Probability - Lesson 1-9

Here's the warmup...it's important for today's lesson!



Name all the triangles in the diagram.

Today, we'll learn about probability - we'll defin it and then discuss how to find it:

"The likelihood that an event will have a particular outcome."



Two steps to determine probability:

- 1. Determine all possibilities in a logical manner...count them!
- 2. Determine the number of possibilities that are "favorable."

Here is an example in geometry - can you find this probability?

What is the probability of randomly selecting one of the longer diagonals from among all the diagonals of a regular hexagon?



And here's another example...see how you do!

Given \overline{AB} with midpoint M, what is the probability of randomly selecting a point on the segment closer to point A than to point M?

A M B