Task #1:

On a baseball diamond with 90-foot sides, the pitcher’s mound is 60.5 feet from home plate. How far is it from the pitcher’s mound to third base?

Task #2:

The lengths of the sides of a triangular parcel of land are approximately 200 feet, 500 feet, and 600 feet. Approximate the area of the parcel.

Task #3:

Forces with magnitudes of 125 newtons and 300 newtons act on a hook. The angle between the two forces is 45⁰. Find the direction and magnitude of the resultant of these forces.

Task #4:

1. A six-sided die is rolled three times. What is the probability of a 6 on each roll?
2. You randomly select a card from a 52-card deck. What is the probability that the card is ***not*** a club?