



Math – Calculating Shot Distance with Multiple Variables

Definition: Mathematics, or math, is the study of numbers and how they are related to each other and to the real world.

While on the golf course we must know and make relatively quick decisions that require simple math! Can you think of any examples?

- **Distance Calculations**
 - Temperature – will the ball go a little bit farther or shorter due to warm or cold temperatures?
 - Wind – how hard is the wind blowing and how will that effect by shot or putt?
 - Estimate yardage for each shot, which club should you use to get that distance?
- **Score** – you must add up your score for each hole, and then, your total score for the round.
- **Breaking putts** – approximately how much will the putt break depending on the slope of the green?

Activity: Quick Calculations!

Here is a link to a series of “yardage book” golf hole examples. Your position is marked with an ‘x’ and your target is the flag. You must figure out the adjusted yardage to the flag and what club should be used using the table of golf clubs and their corresponding yardages. There are a few things you need to look out for when calculating...

- Wind: For every 10 mph of wind, you must decrease or increase one club depending on direction.
- Hole elevation: How far downhill or uphill is the target? For every 15 feet uphill, club up, for every 15 feet downhill, club down.