SHOT STATISTICS

You and your partner are training for a basketball game. Working in pairs, the first player shoots the basketball towards the basket ten times. The second player keeps a record of made shots and missed shots in the data table below. After one player has shot ten times, switch jobs.

# Data Table

Fill out the following chart. Record whether each shot was a make or a miss.

## First Player

| Shot 1 | Shot 2 | Shot 3 | Shot 4 | Shot 5 | Shot 6 | Shot 7 | Shot 8 | Shot 9 | Shot 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |

## Second Player

| Shot 1 | Shot 2 | Shot 3 | Shot 4 | Shot 5 | Shot 6 | Shot 7 | Shot 8 | Shot 9 | Shot 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |

# Your Probability

Now, find the statistical probability that you’ll make a successful shot. Once you have your probability, record it as a decimal, a fraction, and a percentage.

| First Player | | |
| --- | --- | --- |
| Decimal | Fraction | Percentage |
| Second Player | | |
| Decimal | Fraction | Percentage |