

| Angle | Initial Velocity: 50 | Initial Velocity: 60 | Initial Velocity: 70 |
|---------------------------------------|-------------------------|-------------------------|-------------------------|
| 15 Degree | 129.08 | 185.49 | 252.09 |
| 30 Degree | 221.43 | 318.84 | 433.96 |
| 45 Degree | 255.42 | 368.06 | 501.20 |
| 60 Degree | 221.00 | 318.61 | 432.86 |
| 75 Degree | 127.63 | 183.86 | 250.34 |
| 90 Degree | 0.00 | 0.00 | 0.00 |
| Angle corresponding to largest r | 45° | 45° | 45° |

Table 1: Projectile ranges (r) for various angles and initial velocities