

| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|----|---------------------|---------------------------|--------------------------|--------------------|-------------------------------|------------------------------|---------------------------|-------------------------------|--|------------------------|-------------------------|---------------------|--------------------------------|
| 1 | TRIAL NUMBE R | total distance (ft) | total distance (m) | time for TD (s) | acceleration distance (ft) | acceleration distance (m) | accel . time (s) | avergae speed (run(m/s) | average speed (acceleration) (m/s) | maximum speed (m/s) | acceleratio n (m/s2) | mass of car (kg) | Average force on car (N) |
| 2 | 1 | 29 | =B2/3.24 | 14 | 11 | =E2/3.24 | 3.6 | =C2/D2 | =F2/G2 | =2*12 | =J2/G2 | 0.03 | =K2*L2 |
| 3 | 2 | | =B3/3.24 | | | =E3/3.24 | | =C3/D3 | =F3/G3 | =2*13 | =J3/G3 | | =K3*L3 |
| 4 | 3 | | =B4/3.24 | | | =E4/3.24 | | =C4/D4 | =F4/G4 | =2*14 | =J4/G4 | | =K4*L4 |
| 5 | 4 | | =B5/3.24 | | | =E5/3.24 | | =C5/D5 | =F5/G5 | =2*15 | =J5/G5 | | =K5*L5 |
| 6 | 5 | | =B6/3.24 | | | =E6/3.24 | | =C6/D6 | =F6/G6 | =2*16 | =J6/G6 | | =K6*L6 |
| 7 | 6 | | =B7/3.24 | | | =E7/3.24 | | =C7/D7 | =F7/G7 | =2*17 | =J7/G7 | | =K7*L7 |
| 8 | 7 | | =B8/3.24 | | | =E8/3.24 | | =C8/D8 | =F8/G8 | =2*18 | =J8/G8 | | =K8*L8 |
| 9 | 8 | | =B9/3.24 | | | =E9/3.24 | | =C9/D9 | =F9/G9 | =2*19 | =J9/G9 | | =K9*L9 |
| 10 | 9 | | =B10/3.24 | | | =E10/3.24 | | =C10/D10 | =F10/G10 | =2*110 | =J10/G10 | | =K10*L10 |
| 11 | 10 | | =B11/3.24 | | | =E11/3.24 | | =C11/D11 | =F11/G11 | =2*111 | =J11/G11 | | =K11*L11 |