

| Micrometer Reading | Steps | Micrometer Reading | Steps |
|--------------------|-------|--------------------|-------------|
| 0 | 4 | 3 | 3 |
| 4 | 4 | 6 | 3 |
| 8 | 6 | 9 | 5 |
| 14 | 4 | 14 | 3 |
| 18 | 5 | 17 | 4 |
| 23 | 6 | 21 | 5 |
| 29 | 5 | 26 | |
| 34 | 5 | | |
| 39 | | | |
| Mean steps | 4.875 | Mean steps | 3.833333333 |

| R(mm) | R^2 (m) | X^2 | order | t (m) |
|-------|----------|---------|-------|---------------|
| 0 | 0 | 0 | 0 | 0 |
| 3.45 | 11.9025 | 11.9025 | 1 | 0.02133217811 |
| 7.13 | 50.8369 | 38.9344 | 2 | 0.01304277194 |
| 9.11 | 82.9921 | 32.1552 | 3 | 0.02368882016 |
| 11.64 | 135.4896 | 52.4975 | 4 | 0.01934615934 |
| 13.62 | 185.5044 | 50.0148 | 5 | 0.0253831116 |
| 15.31 | 234.3961 | 48.8917 | 6 | 0.03115942992 |

| R(mm) | R^2 (m) | X^2 | order | t (m) |
|-------|----------|---------|-------|----------------|
| 0 | 0 | 0 | 0 | 0 |
| 2.83 | 8.0089 | 8.0089 | 1 | 0.0133122214 |
| 5.86 | 34.3396 | 26.3307 | 2 | 0.008098246534 |
| 7.87 | 61.9369 | 27.5973 | 3 | 0.01158985662 |
| 9.45 | 89.3025 | 27.3656 | 4 | 0.01558398135 |
| 11.3 | 127.69 | 38.3875 | 5 | 0.01388684468 |
| 11.85 | 140.4225 | 12.7325 | 6 | 0.0502413116 |
| 12.9 | 166.41 | 25.9875 | 7 | 0.02871818182 |