

To Measure The Focal Length Of A Concave Mirror

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In this experiment, you place an illuminated cross-threads as object

1 Results

| u (cm) | v (cm) | f (cm) |
|----------|----------|------------------|
| 29 | 37.5 | 16.35 |
| 27.5 | 41 | 16.46 |
| 32.5 | 33 | 16.37 |
| 54.5 | 23 | 16.17 |
| 25.5 | 47 | 16.53 |
| 22.5 | 62 | 16.51 |
| | | $\bar{f} = 16.4$ |