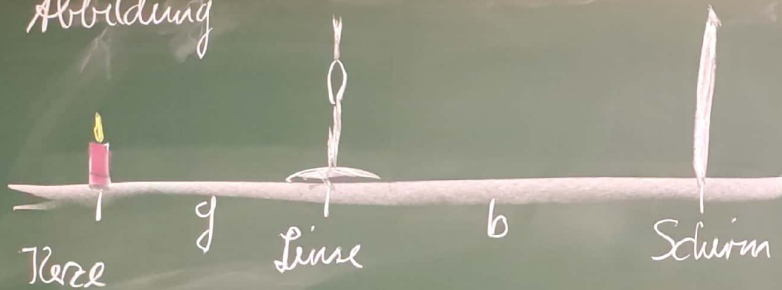


V Abbildung



g: Gegenstandsweite
in cm

b: Bildweite
in cm

| | | |
|----------|------|------|
| Nigerban | 30,5 | 24,5 |
| Andre | 21,5 | 36 |
| | 39 | 20 |
| Lena | 47,5 | 20 |
| Luise | 20 | 47,5 |
| Jakob | 30 | 20 |
| Feli | 18 | 54 |
| Jamir | 18 | 81 |
| Roberto | | |
| Erik K. | 35 | 60 |
| Steffen | | |

Berechne:

$$\frac{1}{g} + \frac{1}{b} \quad \text{in m}$$

$$g = 35 \text{ cm} = 0,35 \text{ m}$$

$$b = 60 \text{ cm} = 0,6 \text{ m}$$

$$\frac{1}{b} + \frac{1}{g} = \frac{1}{f}$$

$$\frac{1}{0,35} + \frac{1}{0,6} = 4,52 \quad \frac{1}{4,52} = 0,22$$

Brennweite: $f = 22 \text{ cm}$