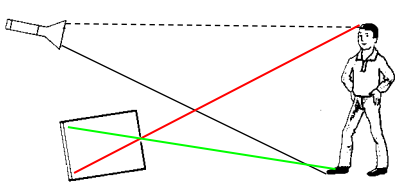
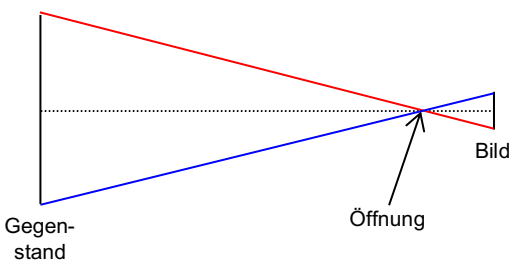
1. Das Bild steht auf dem Kopf



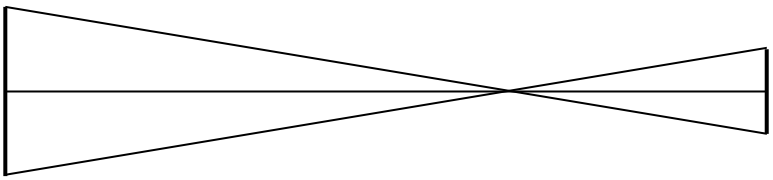
2. a) und b)



c) g = 5.0 cm, b = 1.0 cm, G = 2.5 cm, B = 0.50 cm

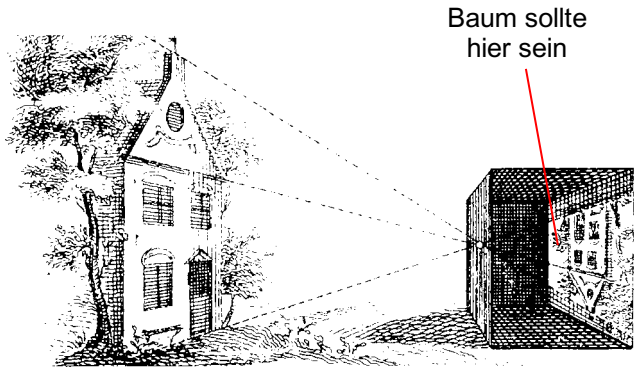
d) $A = \frac{B}{G} = \frac{1.0\text{ cm}}{5.0\text{ cm}} = \underline{\underline{0.20}}$

3.



B = 1.5 cm, b = 4.0 cm, g = 8.0 cm

4. Der Baum ist auf der falschen Seite des Hauses.



5. $A = \frac{B}{G} = \frac{51\text{ cm}}{17\text{ cm}} = \underline{3.0}$

6. $B = A \cdot G = 0.20 \cdot 1.8\text{ m} = \underline{0.36\text{ m}} = \underline{36\text{ cm}}$

7. $G = \frac{B}{A} = \frac{5.0\text{ m}}{2.5} = \underline{2.0\text{ m}}$

8. a) $A = \frac{B}{G} = \frac{3.40\text{ cm}}{176\text{ cm}} = \underline{0.0193}$

   b) $b = \frac{B \cdot g}{G} = \frac{3.40\text{ cm} \cdot 539\text{ cm}}{176\text{ cm}} = \underline{10.4\text{ cm}}$

9. a) $A = \frac{B}{G} = \frac{5.7\text{ cm}}{286\text{ cm}} = \underline{0.020}$

   b) $g = \frac{G \cdot b}{B} = \frac{286\text{ cm} \cdot 43\text{ cm}}{5.7\text{ cm}} = 2158\text{ cm} = \underline{22\text{ m}}$

10. $G = \frac{B \cdot g}{b} = \frac{1.80\text{ m} \cdot 3.40\text{ m}}{3.80\text{ m}} = \underline{1.61\text{ m}}$