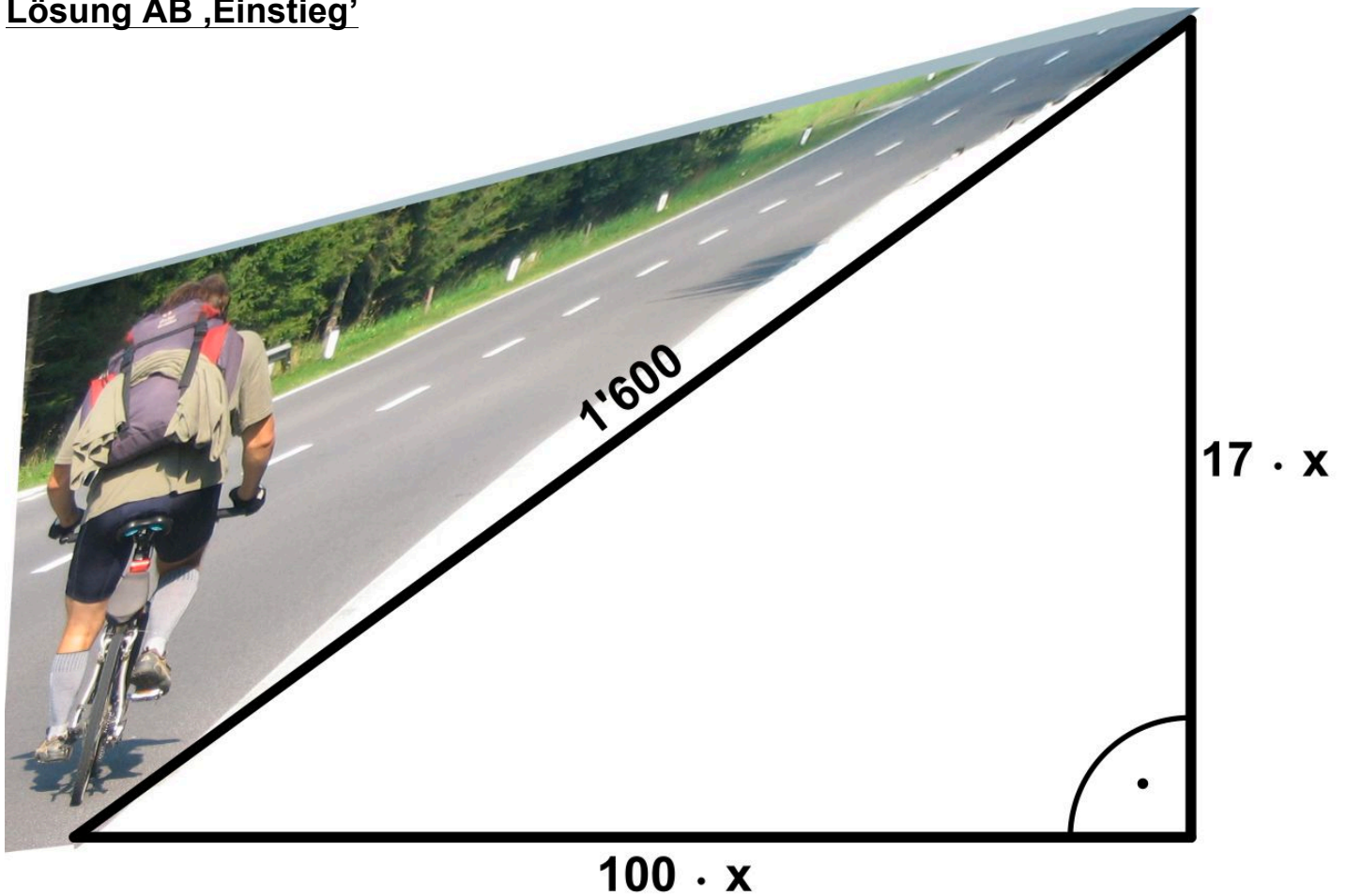


Lösung AB ‚Einstieg‘



⇒ Satz des Pythagoras :

$$\begin{aligned} 1'600^2 &= (100 \cdot x)^2 + (17 \cdot x)^2 \\ 2'560'000 &= 10'000 \cdot x^2 + 289 \cdot x^2 \\ 2'560'000 &= 10'289 \cdot x^2 && | : 10'289 \\ 248,8 &\cong x^2 && | \sqrt{} \\ \underline{15,77} &\cong \underline{x} \end{aligned}$$

⇒ Höhendifferenz :

$$17 \cdot x \cong \underline{\underline{268,15 \text{ m}}}$$