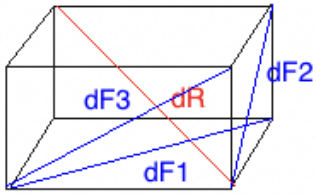


Pythagoras Quader Ü1 ©www.mein-lernen.at



[Lösungen](#)

Übersicht im Schrägriss:

Bezeichnungen:

dF1 = _____ dF2 = _____

dF3 = _____ dR = _____

Pythagoras Flächendiagonalen:

<p>Grundfläche</p> <p>A right-angled triangle with a horizontal base 'a', a vertical height 'b', and a hypotenuse 'dF1'. The right angle is at the bottom right corner, labeled 90°.</p>	<p>Flächendiagonale 1:</p> <p>$d_{F1} = \underline{\hspace{2cm}}$</p>
<p>Seitenfläche</p> <p>A right-angled triangle with a horizontal base 'b', a vertical height 'h', and a hypotenuse 'dF2'. The right angle is at the bottom right corner, labeled 90°.</p>	<p>Flächendiagonale 2:</p> <p>$d_{F2} = \underline{\hspace{2cm}}$</p>
<p>A right-angled triangle with a horizontal base 'a', a vertical height 'h', and a hypotenuse 'dF3'. The right angle is at the bottom right corner, labeled 90°.</p>	<p>Flächendiagonale 3:</p> <p>$d_{F3} = \underline{\hspace{2cm}}$</p>
<p>A 3D perspective drawing of a rectangular prism with dimensions 'a' (width), 'b' (depth), and 'h' (height). A red diagonal 'dR' is shown connecting the bottom-left-front vertex to the top-right-back vertex.</p>	<p>Pythagoras Raumdiagonale:</p> <p>$d_R = \underline{\hspace{2cm}}$</p>