

Primfaktorenzerlegung

Lösungsblatt

$$\begin{array}{r|l} 60 & 2 \\ 30 & 2 \\ 15 & 3 \\ 5 & 5 \\ 1 & \end{array}$$

$60 = 2 \cdot 2 \cdot 3 \cdot 5$

$$\begin{array}{r|l} 36 & 2 \\ 18 & 2 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$36 = 2 \cdot 2 \cdot 3 \cdot 3$

$$\begin{array}{r|l} 20 & 2 \\ 10 & 2 \\ 5 & 5 \\ 1 & \end{array}$$

$20 = 2 \cdot 2 \cdot 5$

$$\begin{array}{r|l} 24 & 2 \\ 12 & 2 \\ 6 & 2 \\ 3 & 3 \\ 1 & \end{array}$$

$24 = 2 \cdot 2 \cdot 2 \cdot 3$

$$\begin{array}{r|l} 50 & 2 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$50 = 2 \cdot 5 \cdot 5$

$$\begin{array}{r|l} 54 & 2 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$54 = 2 \cdot 3 \cdot 3 \cdot 3$

$$\begin{array}{r|l} 110 & 2 \\ 55 & 5 \\ 11 & 11 \\ 1 & \end{array}$$

$110 = 2 \cdot 5 \cdot 11$

$$\begin{array}{r|l} 90 & 2 \\ 45 & 3 \\ 15 & 3 \\ 5 & 5 \\ 1 & \end{array}$$

$90 = 2 \cdot 3 \cdot 3 \cdot 5$

$$\begin{array}{r|l} 200 & 2 \\ 100 & 2 \\ 50 & 2 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$200 = 2 \cdot 2 \cdot 2 \cdot 5 \cdot 5$

$$\begin{array}{r|l} 132 & 2 \\ 66 & 2 \\ 33 & 3 \\ 11 & 11 \\ 1 & \end{array}$$

$132 = 2 \cdot 2 \cdot 3 \cdot 11$

$$\begin{array}{r|l} 420 & 2 \\ 210 & 2 \\ 105 & 3 \\ 35 & 5 \\ 7 & 7 \\ 1 & \end{array}$$

$420 = 2 \cdot 2 \cdot 3 \cdot 5 \cdot 7$

$$\begin{array}{r|l} 245 & 5 \\ 49 & 7 \\ 7 & 7 \\ 1 & \end{array}$$

$245 = 5 \cdot 7 \cdot 7$