

Rechnen mit Uhrzeit und Winkel

Wie viele Grade rückt der Minutenzeiger in ... Minuten vor? (e = entsprechen)

$$\begin{array}{ll} 1 \quad 19 \text{ min} & e \underline{\hspace{2cm}}^{114^\circ} \\ 12 \text{ min} & e \underline{\hspace{2cm}}^{72^\circ} \\ 10 \text{ min} & e \underline{\hspace{2cm}}^{60^\circ} \\ 41 \text{ min} & e \underline{\hspace{2cm}}^{246^\circ} \end{array}$$

$$\begin{array}{ll} 2 \quad 7 \text{ min} & e \underline{\hspace{2cm}}^{42^\circ} \\ 55 \text{ min} & e \underline{\hspace{2cm}}^{330^\circ} \\ 20 \text{ min} & e \underline{\hspace{2cm}}^{120^\circ} \\ 59 \text{ min} & e \underline{\hspace{2cm}}^{354^\circ} \end{array}$$

$$\begin{array}{ll} 3 \quad 42^\circ & e \underline{\hspace{2cm}}^{7 \text{ min}} \\ 6^\circ & e \underline{\hspace{2cm}}^1 \\ 54^\circ & e \underline{\hspace{2cm}}^9 \\ 36^\circ & e \underline{\hspace{2cm}}^6 \end{array}$$

$$\begin{array}{ll} 4 \quad 53 \text{ min} & e \underline{\hspace{2cm}}^{318^\circ} \\ 25 \text{ min} & e \underline{\hspace{2cm}}^{150^\circ} \\ 29 \text{ min} & e \underline{\hspace{2cm}}^{174^\circ} \\ 150 \text{ min} & e \underline{\hspace{2cm}}^{900^\circ} \end{array}$$

$$\begin{array}{ll} 5 \quad 26 \text{ min} & e \underline{\hspace{2cm}}^{156^\circ} \\ 15 \text{ min} & e \underline{\hspace{2cm}}^{90^\circ} \\ 39 \text{ min} & e \underline{\hspace{2cm}}^{234^\circ} \\ 29 \text{ min} & e \underline{\hspace{2cm}}^{174^\circ} \end{array}$$

$$\begin{array}{ll} 6 \quad 60^\circ & e \underline{\hspace{2cm}}^{10 \text{ min}} \\ 54^\circ & e \underline{\hspace{2cm}}^9 \\ 6^\circ & e \underline{\hspace{2cm}}^1 \\ 12^\circ & e \underline{\hspace{2cm}}^2 \end{array}$$

$$\begin{array}{ll} 7 \quad 49 \text{ min} & e \underline{\hspace{2cm}}^{294^\circ} \\ 47 \text{ min} & e \underline{\hspace{2cm}}^{282^\circ} \\ 28 \text{ min} & e \underline{\hspace{2cm}}^{168^\circ} \\ 8 \text{ min} & e \underline{\hspace{2cm}}^{48^\circ} \end{array}$$

$$\begin{array}{ll} 8 \quad 60 \text{ min} & e \underline{\hspace{2cm}}^{360^\circ} \\ 56 \text{ min} & e \underline{\hspace{2cm}}^{336^\circ} \\ 7 \text{ min} & e \underline{\hspace{2cm}}^{42^\circ} \\ 57 \text{ min} & e \underline{\hspace{2cm}}^{342^\circ} \end{array}$$

$$\begin{array}{ll} 9 \quad 54^\circ & e \underline{\hspace{2cm}}^9 \\ 42^\circ & e \underline{\hspace{2cm}}^7 \\ 6^\circ & e \underline{\hspace{2cm}}^1 \\ 18^\circ & e \underline{\hspace{2cm}}^3 \end{array}$$

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$$\begin{array}{ll} 10 \quad 25 \text{ min} & e \underline{\hspace{2cm}}^{150^\circ} \\ 43 \text{ min} & e \underline{\hspace{2cm}}^{258^\circ} \\ 39 \text{ min} & e \underline{\hspace{2cm}}^{234^\circ} \\ 4 \text{ min} & e \underline{\hspace{2cm}}^{24^\circ} \end{array}$$

$$\begin{array}{ll} 11 \quad 8 \text{ min} & e \underline{\hspace{2cm}}^{48^\circ} \\ 60 \text{ min} & e \underline{\hspace{2cm}}^{360^\circ} \\ 10 \text{ min} & e \underline{\hspace{2cm}}^{60^\circ} \\ 26 \text{ min} & e \underline{\hspace{2cm}}^{156^\circ} \end{array}$$

$$\begin{array}{ll} 12 \quad 36^\circ & e \underline{\hspace{2cm}}^6 \\ 6^\circ & e \underline{\hspace{2cm}}^1 \\ 36^\circ & e \underline{\hspace{2cm}}^6 \\ 12^\circ & e \underline{\hspace{2cm}}^2 \end{array}$$

$$\begin{array}{ll} 13 \quad 24 \text{ min} & e \underline{\hspace{2cm}}^{144^\circ} \\ 8 \text{ min} & e \underline{\hspace{2cm}}^{48^\circ} \\ 3 \text{ min} & e \underline{\hspace{2cm}}^{18^\circ} \\ 126 \text{ min} & e \underline{\hspace{2cm}}^{756^\circ} \end{array}$$

$$\begin{array}{ll} 14 \quad 59 \text{ min} & e \underline{\hspace{2cm}}^{354^\circ} \\ 4 \text{ min} & e \underline{\hspace{2cm}}^{24^\circ} \\ 51 \text{ min} & e \underline{\hspace{2cm}}^{306^\circ} \\ 53 \text{ min} & e \underline{\hspace{2cm}}^{318^\circ} \end{array}$$

$$\begin{array}{ll} 15 \quad 12^\circ & e \underline{\hspace{2cm}}^2 \\ 36^\circ & e \underline{\hspace{2cm}}^6 \\ 30^\circ & e \underline{\hspace{2cm}}^5 \\ 60^\circ & e \underline{\hspace{2cm}}^{10 \text{ min}} \end{array}$$

$$\begin{array}{ll} 16 \quad 7 \text{ min} & e \underline{\hspace{2cm}}^{42^\circ} \\ 24 \text{ min} & e \underline{\hspace{2cm}}^{144^\circ} \\ 48 \text{ min} & e \underline{\hspace{2cm}}^{288^\circ} \\ 57 \text{ min} & e \underline{\hspace{2cm}}^{342^\circ} \end{array}$$

$$\begin{array}{ll} 17 \quad 49 \text{ min} & e \underline{\hspace{2cm}}^{294^\circ} \\ 23 \text{ min} & e \underline{\hspace{2cm}}^{138^\circ} \\ 44 \text{ min} & e \underline{\hspace{2cm}}^{264^\circ} \\ 83 \text{ min} & e \underline{\hspace{2cm}}^{498^\circ} \end{array}$$

$$\begin{array}{ll} 18 \quad 18^\circ & e \underline{\hspace{2cm}}^3 \\ 30^\circ & e \underline{\hspace{2cm}}^5 \\ 24^\circ & e \underline{\hspace{2cm}}^4 \\ 18^\circ & e \underline{\hspace{2cm}}^3 \end{array}$$