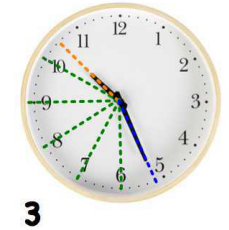
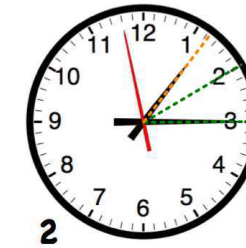
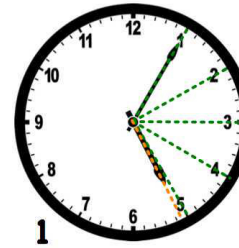


Lösungen ‚Winkel an der Uhr‘

$$1. \quad \alpha = 4 \cdot 30^\circ + 5 \cdot 0,5^\circ = \underline{122,5^\circ}$$



$$2. \quad \alpha = 1 \cdot 30^\circ + 45 \cdot 0,5^\circ = \underline{52,5^\circ}$$

$$3. \quad \alpha = 4 \cdot 30^\circ + 4 \cdot 6^\circ + 26 \cdot 0,5^\circ = \underline{157^\circ}$$

$$4. \quad \alpha = 3 \cdot 30^\circ + 25 \cdot 0,5^\circ = \underline{102,5^\circ}$$

$$5. \quad \alpha = 3 \cdot 30^\circ + 2 \cdot 6^\circ + 48 \cdot 0,5^\circ = \underline{126^\circ}$$

$$6. \quad \alpha = 3 \cdot 30^\circ + 35 \cdot 0,5^\circ = \underline{107,5^\circ}$$

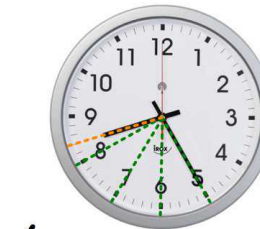
$$7. \quad \alpha = 4 \cdot 30^\circ + 50 \cdot 0,5^\circ = \underline{145^\circ}$$

$$8. \quad \alpha = 2 \cdot 30^\circ + 40 \cdot 0,5^\circ = \underline{80^\circ}$$

$$9. \quad \alpha = 3 \cdot 30^\circ + 4 \cdot 6^\circ + 26 \cdot 0,5^\circ = \underline{127^\circ}$$

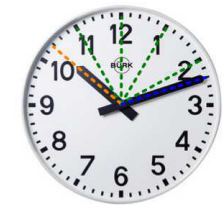
$$10. \quad \alpha = 3 \cdot 30^\circ + 3 \cdot 6^\circ + 22 \cdot 0,5^\circ = \underline{119^\circ}$$

$$11. \quad \alpha = 3 \cdot 30^\circ + 2 \cdot 6^\circ + 3 \cdot 0,5^\circ = \underline{103,5^\circ}$$

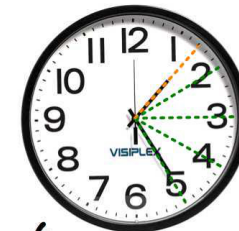


4

**Winkel
an der
Uhr**



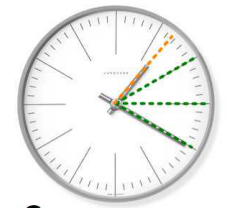
5



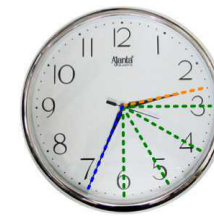
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7



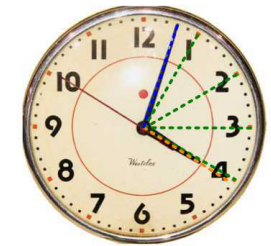
8



9



10



11