**Solving trigonometric equations**

Solve $\sin(θ)=\frac{1}{2}$ in the interval $0\leq θ\leq 360°$.

Solve $5\tan(θ)=10$ in the interval $-180°\leq θ<180°$

Solve $\sin(θ)=-\frac{1}{2}$ in the interval $0\leq θ\leq 360°$.

Solve $\sin(θ)=\sqrt{3}\cos(θ)$ in the interval $0\leq θ\leq 360°$.

Solve $2\cos(θ)=\sqrt{3}$ in the interval $0\leq θ\leq 360°$.

Solve $\sqrt{3}\sin(θ)=\cos(θ)$ in the interval $-180°\leq θ\leq 180°$.

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