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| **Crack the Code** | **Solving Trigonometric Equations** |

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| **A** | Find all the values of $θ$ between $0°$ and $360°$ for which $\tan(θ)=1$ | **B** | Find all the values of $θ$ between $0°$ and $360°$ for which $\sin(θ)=\frac{1}{2}$ |
| **C** | Find all the values of $θ$ between $0°$ and $360°$ for which $\cos(θ)=\frac{\sqrt{2}}{2}$ | **D** | Find all the values of $θ$ between $0°$ and $360°$ for which $\sin(θ)=-\frac{\sqrt{3}}{2}$ |
| **E** | Find all the values of $θ$ between $0°$ and $360°$ for which $\tan(θ)=-\frac{\sqrt{3}}{3}$ | **F** | Find all the values of $θ$ between $0°$ and $360°$ for which $\cos(θ)=-\frac{1}{2}$ |
| **G** | Find all the values of $θ$ between $0°$ and $360°$ for which $\sin(θ)=-1$ | **H** | Find all the values of $θ$ between $0°$ and $360°$ for which $\cos(θ)=0$ |
| **I** | Find all the values of $θ$ between $-180°$ and $180°$ for which $\sin(θ)=\frac{\sqrt{2}}{2}$ | **J** | Find all the values of $θ$ between $-180°$ and $180°$ for which $\tan(θ)=-1$ |
| **K** | Find all the values of $θ$ between $-180°$ and $180°$ for which $\cos(θ)=-\frac{\sqrt{3}}{2}$ | **L** | Find all the values of $θ$ between $-180°$ and $180°$ for which $\sin(θ)=-\frac{1}{2}$ |
| **M** | Find all the values of $θ$ between $-360°$ and $360°$ for which $\tan(θ)=\sqrt{3}$ | **N** | Find all the values of $θ$ between $-180°$ and $540°$ for which $\sin(θ)=-\frac{\sqrt{2}}{2}$ |
| To get the three-digit code, add all your answers together then divide by 10. |