Exact Value of Trigonometric Ratios (F)

A collection of 9-1 Maths GCSE Sample and Specimen questions from AQA, OCR, Pearson-Edexcel and WJEC Eduqas.

Name: Glyn Brown
Total Marks:

1. Use numbers from this box to complete the statements.

\[
\begin{array}{cccc}
0 & 1 & \sqrt{2} & \sqrt{3} \\
\frac{1}{2} & \frac{1}{\sqrt{2}} & \frac{1}{\sqrt{3}} & \frac{\sqrt{3}}{2}
\end{array}
\]

(i) \( \tan 45^\circ = \frac{1}{\sqrt{3}/2} \) \hspace{1cm} [1]

(ii) \( \cos 30^\circ = \frac{\sqrt{3}/2}{\sqrt{3}/2} \) \hspace{1cm} [1]

2. Write down the exact value of \( \cos 30^\circ \)

\( \frac{\sqrt{3}/2}{\sqrt{3}/2} \) \hspace{1cm} [1]