Find the least common multiple (LCM) of 36 and 54.

Work out \((4.5 \times 10^7) \div (5 \times 10^{-2})\) Give your answer in standard form.

Solve the simultaneous equations
\[
\begin{align*}
5x - y &= 17 \\
2x + 3y &= 0
\end{align*}
\]

Evaluate
\[
10000^{\frac{3}{4}}
\]

Evaluate
\[
32^{-\frac{4}{5}}
\]

Find the size of \(y\).