29th September

Find y

\[
\begin{align*}
6 \text{cm} & \quad y \\
10 \text{cm}
\end{align*}
\]

Solve \(5x + 1 > 9x + 3\)

Write down the inequality shown above

\[
\begin{align*}
\text{An asteroid travels at 25 kilometres per second.} \\
\text{How far does it travel in one hour?} \\
\text{Give your answer in standard form.}
\end{align*}
\]

Trapezium S and trapezium T are similar.

Find the size of y.

Find the length of RS.

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