

Mathematics - Algebra

$$\begin{aligned}
 & \sqrt{25x^2 - 100x + 100} \\
 & \frac{25x^2 - 100x + 100}{25x^2 - 100x + 100} \\
 & \hline
 & 1
 \end{aligned}$$

Final Answer

$$\begin{aligned}
 & \sqrt{4x^2 - 12x + 9} \\
 & \frac{4x^2 - 12x + 9}{4x^2 - 12x + 9} \\
 & \hline
 & 1
 \end{aligned}$$

Only if $x = 0$

$$\begin{aligned}
 & \sqrt{9x^2 - 30x + 25} \\
 & \frac{9x^2 - 30x + 25}{9x^2 - 30x + 25} \\
 & \hline
 & 1
 \end{aligned}$$

Only if $x = 0$

Key **D**

$$\begin{aligned}
 & \sqrt{16x^2 - 40x + 25} \\
 & \frac{16x^2 - 40x + 25}{16x^2 - 40x + 25} \\
 & \hline
 & 1
 \end{aligned}$$

Only if $x = 0$

$$\begin{aligned}
 & \sqrt{25x^2 - 50x + 25} \\
 & \frac{25x^2 - 50x + 25}{25x^2 - 50x + 25} \\
 & \hline
 & 1
 \end{aligned}$$

Only if $x = 0$

$$\begin{aligned}
 & \sqrt{4x^2 - 12x + 9} \\
 & \frac{4x^2 - 12x + 9}{4x^2 - 12x + 9} \\
 & \hline
 & 1
 \end{aligned}$$

Only if $x = 0$