

DATE _____

$$\begin{aligned}
 & \sqrt{25x^2 - 40x + 16} \\
 & 25x^2 - 40x + 16 \\
 & \underline{25x^2 - 20x} \\
 & 20x + 16 \\
 & \underline{20x + 16} \\
 & 0
 \end{aligned}$$

$x = \frac{4}{5}$

Ans: $\frac{4}{5}$ (Final Answer)

$$\begin{aligned}
 & \sqrt{4x^2 - 12x + 9} \\
 & 4x^2 - 12x + 9 \\
 & \underline{4x^2 - 12x} \\
 & 9 \\
 & \underline{9} \\
 & 0
 \end{aligned}$$

$x = \frac{3}{2}$

Ans: $\frac{3}{2}$

$$\begin{aligned}
 & \sqrt{9x^2 - 24x + 16} \\
 & 9x^2 - 24x + 16 \\
 & \underline{9x^2 - 24x} \\
 & 16 \\
 & \underline{16} \\
 & 0
 \end{aligned}$$

$x = \frac{4}{3}$

Ans: $\frac{4}{3}$

Key: (D)

$$\begin{aligned}
 & \sqrt{4x^2 - 12x + 9} \\
 & 4x^2 - 12x + 9 \\
 & \underline{4x^2 - 12x} \\
 & 9 \\
 & \underline{9} \\
 & 0
 \end{aligned}$$

$x = \frac{3}{2}$

Ans: $\frac{3}{2}$

$$\begin{aligned}
 & \sqrt{9x^2 - 24x + 16} \\
 & 9x^2 - 24x + 16 \\
 & \underline{9x^2 - 24x} \\
 & 16 \\
 & \underline{16} \\
 & 0
 \end{aligned}$$

$x = \frac{4}{3}$

Ans: $\frac{4}{3}$

$$\begin{aligned}
 & \sqrt{25x^2 - 40x + 16} \\
 & 25x^2 - 40x + 16 \\
 & \underline{25x^2 - 40x} \\
 & 16 \\
 & \underline{16} \\
 & 0
 \end{aligned}$$

$x = \frac{4}{5}$

Ans: $\frac{4}{5}$