

5

A

$$\begin{array}{rcll}
 32x + 5 & = & 27x - 10 & | -27x \\
 5x + 5 & = & -10 & | -5 \\
 5x & = & -15 & | :5 \\
 \underline{\underline{x}} & = & \underline{\underline{-3}} & 
 \end{array}$$

B

$$\begin{array}{rcll}
 2x + 3(x - 8) & = & 9 - 5x & \\
 2x + 3x - 24 & = & 9 - 5x & \\
 5x - 24 & = & 9 - 5x & | +5x \\
 10x - 24 & = & 9 & | +24 \\
 10x & = & 33 & | :10 \\
 \underline{\underline{x}} & = & \underline{\underline{3,3}} & 
 \end{array}$$

C

$$\begin{array}{rcll}
 2(18x - 8) & = & 6(5 - 5x) - 13 & \\
 36x - 16 & = & 30 - 30x - 13 & \\
 36x - 16 & = & 17 - 30x & | +30x \\
 66x - 16 & = & 17 & | +16 \\
 66x & = & 33 & | :66 \\
 \underline{\underline{x}} & = & \underline{\underline{\frac{33}{66} = \frac{1}{2}}} & 
 \end{array}$$

D

$$\begin{array}{rcll}
 45(2-x) - 3(21x-1) & = & 6(3x-1) + 36 & \\
 90 - 45x - 63x + 3 & = & 18x - 6 + 36 & \\
 93 - 108x & = & 18x + 30 & | +108x \\
 93 & = & 126x + 30 & | -30 \\
 63 & = & 126x & | :126 \\
 \frac{63}{126} & = & x & \\
 \underline{\underline{x}} & = & \underline{\underline{\frac{1}{2}}} & 
 \end{array}$$