

■ A. Solve for the unknown.

[1] $\frac{5}{x} - 6 = 13$

[2] $\frac{2}{3x} + 5 = 20$

[3] $\frac{5}{7x} + 1 = 16$

$$[4] \frac{7}{x-5} + 2 = 12$$

$$[5] \frac{7}{x-3} + 1 = 8$$

■ B. State whether equation is an identity, a contradiction, or conditional.

$$[1] 2x + 5 = 2\left(x + \frac{5}{2}\right)$$

$$[2] 2x + 6 = 2(x + 2)$$

$$[3] 2x + 6 = 3(x + 2)$$