Incorrect. A common denominator for all the terms is $2x^2$. Multiply the numerator and denominator by this term:

$$\frac{3 - \frac{3}{2x}}{\frac{1}{x} - \frac{1}{2x^2}} \cdot \frac{2x^2}{2x^2}$$

Distribute the $2x^2$ and simplify. Factor, identifying common factors, and simplify further. The correct answer is $3x$.