Al Mawaheb School   Math Dept   Teacher : Jisha

Simplify expression. $\dfrac{5}{6ab} + \dfrac{3b^2}{14a^3} =$

A) $\dfrac{a^2 + 9b^3}{42ba^3}$

B) $\dfrac{35a^2 + b^3}{42ba^3}$

C) $\dfrac{35a^2 + 9b^3}{22ba^3}$

D) $\dfrac{35a^2 + 9b^3}{42ba^3}$

Simplify expression. $\dfrac{7b}{12a} - \dfrac{1}{18ab^3} =$

A) $\dfrac{b^4 - 2}{36ab^3}$

B) $\dfrac{21b^4 - 2}{36ab^3}$

C) $\dfrac{21b^4 - 2}{18ab^3}$

D) $\dfrac{21b^4 + 2}{36ab^3}$

Simplify expression. $\dfrac{y^2}{8c^2d^2} - \dfrac{3x}{14dc^4} =$

A) $\dfrac{7c^2y^4 + 12dx}{56c^4d^2}$

B) $\dfrac{7c^2y^4 - 12dx}{48c^4d^2}$

C) $\dfrac{c^2y^4 - 12dx}{56c^4d^2}$

D) $\dfrac{7c^2y^4 - 12dx}{56c^4d^2}$

Find the perimeter of the rectangle.

$\dfrac{3}{x-2}$

$\dfrac{4}{x+1}$

A) $\dfrac{7x - 10}{(x + 1)(x - 2)}$

B) $\dfrac{14x - 5}{(x + 1)(x - 2)}$

C) $\dfrac{14x - 10}{(x + 1)(x - 2)}$

D) $\dfrac{7x - 5}{(x + 1)(x - 2)}$