■ 次の計算をしなさい。

① $\dfrac{x+4y}{9} - \dfrac{4x-3y}{8} =$

② $\dfrac{5a-b}{9} + \dfrac{3a-4b}{6} =$

③ $\dfrac{3x+4y}{4} + \dfrac{x-5y}{3} =$

④ $\dfrac{2x+y}{4} - \dfrac{3x+2y}{8} =$

⑤ $\dfrac{a-3b}{14} + \dfrac{a+2b}{2} =$

⑥ $\dfrac{5x+4y}{7} - \dfrac{2x-y}{2} =$

⑦ $\dfrac{2x-3y}{4} + \dfrac{5x+6y}{2} =$

⑧ $\dfrac{4x-y}{10} - \dfrac{2x+3y}{4} =$

⑨ $\dfrac{3x-y}{9} - \dfrac{3x+y}{5} =$

⑩ $\dfrac{6x+5y}{5} + \dfrac{3x+5y}{8} =$

⑪ $\dfrac{a+6b}{6} - \dfrac{2a+5b}{15} =$

⑫ $\dfrac{x-4y}{2} + \dfrac{5x-6y}{3} =$

1次式の加法と減法

年　　組　名前

■ 次の計算をしなさい。

① $\dfrac{x+4y}{9} - \dfrac{4x-3y}{8} = \dfrac{8x+32y}{72} - \dfrac{36x-27y}{72}$

$\qquad\qquad\qquad = \dfrac{-28x+59y}{72}$

② $\dfrac{5a-b}{9} + \dfrac{3a-4b}{6} = \dfrac{10a-2b}{18} + \dfrac{9a-12b}{18}$

$\qquad\qquad\qquad = \dfrac{19a-14b}{18}$

③ $\dfrac{3x+4y}{4} + \dfrac{x-5y}{3} = \dfrac{9x+12y}{12} + \dfrac{4x-20y}{12}$

$\qquad\qquad\qquad = \dfrac{13x-8y}{12}$

④ $\dfrac{2x+y}{4} - \dfrac{3x+2y}{8} = \dfrac{4x+2y}{8} - \dfrac{3x+2y}{8}$

$\qquad\qquad\qquad = \dfrac{x}{8}$

⑤ $\dfrac{a-3b}{14} + \dfrac{a+2b}{2} = \dfrac{a-3b}{14} + \dfrac{7a+14b}{14}$

$\qquad\qquad\qquad = \dfrac{8a+11b}{14}$

⑥ $\dfrac{5x+4y}{7} - \dfrac{2x-y}{2} = \dfrac{10x+8y}{14} - \dfrac{14x-7y}{14}$

$\qquad\qquad\qquad = \dfrac{-4x+15y}{14}$

⑦ $\dfrac{2x-3y}{4} + \dfrac{5x+6y}{2} = \dfrac{2x-3y}{4} + \dfrac{10x+12y}{4}$

$\qquad\qquad\qquad = \dfrac{12x+9y}{4}$

⑧ $\dfrac{4x-y}{10} - \dfrac{2x+3y}{4} = \dfrac{8x-2y}{20} - \dfrac{10x+15y}{20}$

$\qquad\qquad\qquad = \dfrac{-2x-17y}{20}$

⑨ $\dfrac{3x-y}{9} - \dfrac{3x+y}{5} = \dfrac{15x-5y}{45} - \dfrac{27x+9y}{45}$

$\qquad\qquad\qquad = \dfrac{-12x-14y}{45}$

⑩ $\dfrac{6x+5y}{5} + \dfrac{3x+5y}{8} = \dfrac{48x+40y}{40} + \dfrac{15x+25y}{40}$

$\qquad\qquad\qquad = \dfrac{63x+65y}{40}$

⑪ $\dfrac{a+6b}{6} - \dfrac{2a+5b}{15} = \dfrac{5a+30b}{30} - \dfrac{4a+10b}{30}$

$\qquad\qquad\qquad = \dfrac{a+20b}{30}$

⑫ $\dfrac{x-4y}{2} + \dfrac{5x-6y}{3} = \dfrac{3x-12y}{6} + \dfrac{10x-12y}{6}$

$\qquad\qquad\qquad = \dfrac{13x-24y}{6}$