[06-03-28-T9]

Even more rational Expressions

à A. Write as a single fraction

[1] $x - \frac{5}{2}$

[2] $\frac{x}{5} + \frac{x}{2}$

[3] $\frac{2x}{3} - \frac{x}{5}$

[4] $\frac{x+2}{3} + \frac{x}{3}$

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

[6] $\frac{x+5}{7} + \frac{x}{3}$

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

[8] $\frac{2x+1}{3} + \frac{x+5}{2}$

[9] $\frac{2x-5}{3} + \frac{x+3}{2}$

[10] $\frac{x-2}{7} + \frac{x-3}{5}$

à B. Write as a single fraction

[1] $\frac{2x+5}{3} - \frac{2x}{5}$

[2] $\frac{1}{2} - \frac{x+2}{3}$

[3] $\frac{1}{3} - \frac{x+3}{2}$

[4] $\frac{x+4}{3} - \frac{x+5}{2}$

[5] $\frac{x+4}{2} - 3$

[6] $\frac{x-1}{5} - \frac{2x+1}{2}$

[7] $\frac{x-1}{5} - \frac{3x-4}{2}$

[8] $\frac{x-1}{6} - \frac{x-3}{2}$

[9] $\frac{2x-5}{3} - \frac{x+3}{2}$

[10] $\frac{2x-3}{7} - \frac{3-2x}{5}$

Answers

à A. Simplify (if possible)

[1] $\frac{2x-5}{2}$

[2] $\frac{7x}{10}$

[3] $\frac{7x}{15}$

[4] $\frac{2x+2}{3}$

[5] $\frac{8x+6}{15}$

[6] $\frac{10x+15}{21}$

[7] $\frac{8x+21}{15}$

[8] $\frac{7x+17}{6}$

[9] $\frac{7x-1}{6}$

[10] $\frac{12x-31}{35}$

à B. Simplify (if possible)

[1] $\frac{x+25}{15}$

[2] $\frac{2x-1}{6}$

[3] $\frac{3x-7}{6}$

[4] $\frac{x-7}{6}$

[5] $\frac{x-2}{2}$

[6] $\frac{8x-7}{10}$

[7] $\frac{18-13x}{10}$

[8] $\frac{4-x}{3}$

[9] $\frac{x-19}{6}$

[10] $\frac{24x-36}{35}$