

Write each as a single fraction, i.e., there should be only one division. For example,  $\frac{2}{5}$  and  $\frac{x^2+3x+y}{y^2+3}$  are OK, but  $\frac{2}{5+\frac{2}{3}}$ ,  $\frac{2}{5/4}+\frac{2}{3}$ ,  $\frac{x^2+3\frac{x}{y}+y}{y^2+3}$  are not.

1.

$$\frac{1}{2} + \frac{1}{3}$$

2.

$$\frac{1}{2 + \frac{1}{3}}$$

3.

$$\frac{\frac{1}{2} + \frac{1}{3}}{\frac{2}{5} + \frac{1}{3}}$$

4.

$$\frac{\frac{5}{2} + \frac{2}{3}}{\frac{7}{8} + \frac{11}{3}}$$

5.

$$\frac{\frac{5}{2} + \frac{\frac{3}{4}}{\frac{3}{2}}}{\frac{7}{8} + \frac{11}{3}}$$

6.

$$\frac{1}{\frac{1}{2} + \frac{1}{y}}$$

7.

$$\frac{\frac{\frac{2}{3}}{x}}{\frac{1}{x} + \frac{1}{y}}$$

8.

$$\frac{\frac{\frac{1}{x} + \frac{2}{y}}{3}}{\frac{1}{x} + \frac{1}{y}}$$

9.

$$\frac{1}{\frac{1}{x+1} + \frac{1}{y}}$$

10.

$$\frac{\frac{x+1}{x-1} + \frac{y+1}{2y-1}}{\frac{x-1}{x+1} + 2y}$$

11.

$$\frac{\frac{\frac{x}{x+1}}{x+1} + y}{\frac{1}{x+1} + \frac{1}{y}}$$

12.

$$\frac{\frac{\frac{x}{x-1}}{x-1} - y}{\frac{1}{x+1} + \frac{1}{y^2+1}}$$

13.

$$\frac{\frac{\frac{2x}{2x-2}}{2x-2} - y}{\frac{3}{3x+3} + \frac{1}{y^2+1}}$$