

Mini-Quiz 2

Name:

[10] Leave answers as *reduced* fractions. No credit will be given for non-reduced answers or mixed numbers. Let a , b , c , and d be real numbers, and assume no combination of them on the sheet equals zero.

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

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

$$\frac{1}{2a} + \frac{1}{c}$$

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

$$\frac{3}{a}$$

$$\frac{5}{2b}$$

$$\frac{c+2a}{2ac}$$

$$\frac{5}{3c}$$

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

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

$$\frac{1}{2b} + \frac{1}{a}$$

$$\frac{1}{3d} + \frac{a}{c}$$

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

$$\frac{d+6a}{2ad}$$

$$\frac{a+2b}{2ab}$$

$$\frac{c+3ad}{3cd}$$

$$\frac{3}{a^2} + \frac{b}{3a}$$

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

$$\frac{2}{3b} + \frac{3}{2a}$$

$$\frac{3d}{a} + \frac{d}{3a}$$

$$\frac{9+ab}{3a^2}$$

$$\frac{6a+c}{2ac}$$

$$\frac{4a+9b}{6ab}$$

$$\frac{10d}{3a}$$

$$\frac{3a}{2d} + \frac{a}{2d}$$

$$\frac{b}{a} + \frac{c}{2ad}$$

$$\frac{3}{4a} + \frac{c}{ad}$$

$$\frac{3}{ad} + d$$

$$\frac{2a}{d}$$

$$\frac{2bd+c}{2ad}$$

$$\frac{3d+4c}{4ad}$$

$$\frac{3+ad^2}{ad}$$

$$\frac{b}{a} + \frac{c}{ad}$$

$$\frac{(x+4)}{(2x+3)} + \frac{5}{(x-3)}$$

$$\frac{(y+2)}{(x^2-1)} + \frac{5}{(y+2)(x-1)}$$

$$\frac{2}{(x^2-1)} + \frac{(x-1)}{(x+1)}$$

$$\frac{bd+c}{ad}$$

$$\frac{x^2+11x+3}{(x-3)(2x+3)}$$

$$\frac{(y+2)^2+5x+5}{(y+2)(x^2-1)}$$

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