

Mini-Quiz 1

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.

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

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

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

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

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

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

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

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

$$1 + \frac{1}{d}$$

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

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

$$\frac{1}{2d} + \frac{1}{4a}$$

$$\frac{1+d}{d}$$

$$\frac{c+d}{cd}$$

$$\frac{c+2d}{2cd}$$

$$\frac{2a+d}{4ad}$$

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

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

$$\frac{7}{d} + \frac{2}{a}$$

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

$$\frac{3}{d}$$

$$\frac{5}{2d}$$

$$\frac{7a+2d}{ad}$$

$$\frac{8}{c}$$

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

$$\frac{1}{ad} + \frac{1}{cd}$$

$$\frac{a}{2d} + \frac{a}{4d}$$

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

$$\frac{3d+2ac}{2ad}$$

$$\frac{c+a}{acd}$$

$$\frac{3a}{4d}$$

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

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

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

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

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

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

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

$$\frac{6a^2+c^2}{3ac}$$

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