

## Systems of Equations

Use the best method to solve each system of equations.

$$1) \quad \begin{aligned} \frac{4}{y} + \frac{5}{z} &= 17 \\ \frac{2}{y} + \frac{3}{z} &= 10 \end{aligned}$$

$$2) \quad \begin{aligned} 2 &= \frac{10}{a} + \frac{1}{b} \\ \frac{2}{a} + \frac{1}{b} &= 0 \end{aligned}$$

$$3) \quad \begin{aligned} -\frac{1}{c} &= 2 + \frac{1}{d} \\ -\frac{1}{c} + \frac{1}{d} &= 1 \end{aligned}$$

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$$5) \quad \begin{aligned} -\frac{8}{x} - \frac{1}{y} &= -10 \\ \frac{6}{x} + \frac{1}{y} &= 8 \end{aligned}$$

$$7) \quad \begin{aligned} 14 &= \frac{3}{p} + \frac{2}{q} \\ \frac{7}{p} + \frac{8}{q} &= 26 \end{aligned}$$

$$8) \quad \begin{aligned} -\frac{9}{u} - \frac{2}{v} - 6 &= 0 \\ \frac{2}{v} + \frac{6}{u} &= -5 \end{aligned}$$