

$$13 \quad \begin{cases} \frac{5(x+y)}{3} = 15 \\ x - 2y = -3 \end{cases}$$

$$14 \quad \begin{cases} 2x + y + 7 = -7 - 3y \\ 4x + 4y + 4 = x - 7 \end{cases}$$

$$15 \quad \begin{cases} \frac{x+y}{2} = \frac{x-y}{3} \\ x + 4y = -\frac{1}{2} \end{cases}$$

$$16 \quad \begin{cases} \frac{1}{x} + \frac{1}{y} = \frac{7}{12} \\ \frac{1}{x} - \frac{1}{y} = -\frac{1}{12} \end{cases}$$

$$17 \quad \begin{cases} \frac{1}{x+1} + \frac{1}{y-2} = \frac{7}{12} \\ \frac{1}{x+1} - \frac{1}{y-2} = -\frac{1}{2} \end{cases}$$

$$18 \quad \begin{cases} x + \frac{8}{y-1} = -3 \\ -2x + \frac{12}{y-1} = -3 \end{cases}$$

$$19 \quad \begin{cases} \frac{7}{x} + \frac{4}{y} = \frac{1}{2} \\ \frac{3}{x} - \frac{5}{y} = \frac{3}{14} \end{cases}$$

$$20 \quad \begin{cases} \frac{x+y}{xy} = \frac{3}{4} \\ \frac{x-y}{xy} = \frac{1}{4} \end{cases}$$

$$21 \quad \begin{cases} 2(x+2y) = 0 \\ -3(-y+3x) = 0 \end{cases}$$

$$22 \quad \begin{cases} \frac{x}{3} = 2y - 1 \\ 3 = 2y - x \end{cases}$$

$$23 \quad \begin{cases} \frac{x}{3} - 5y + 8 = \frac{x}{2} - 3 \\ \frac{y}{2} - \frac{x}{3} + 4 = y + 1 \end{cases}$$

$$24 \quad \begin{cases} 2y + 3x - \frac{43}{12} = 0 \\ -5x + 3y = -\frac{7}{4} \end{cases}$$

$$25 \quad \begin{cases} 2x + (m-1)y = 1 \\ 3x + y = 0 \end{cases}$$

$$26 \quad \begin{cases} mx + y = 2 \\ 2x - y = 1 \end{cases}$$

$$27 \quad \begin{cases} 5x - 2y = m \\ 2x + 3y = 17 \end{cases}$$

$$28 \quad \begin{cases} (m+2)x + y = 1 \\ 3x + 2y = 13 \end{cases}$$

$$29 \quad \begin{cases} x + my = 2 \\ mx + 3y = 3 \end{cases}$$

$$30 \quad \begin{cases} x + 4y = m+3 \\ 7x - y = 1 \end{cases}$$

$$31 \quad \begin{cases} x + y = 3 \\ mx - 2y = 5 \end{cases}$$