

Bestimme jeweils die Variable:

$$1. \quad 1 - \frac{4-x}{5} = \frac{x-1}{4}$$

$$2. \quad \frac{x-2}{3} - \frac{x+1}{5} = -\frac{1}{3}$$

$$3. \quad \frac{x}{3} + \frac{x-5}{7} = 5$$

$$4. \quad \frac{3u}{4} - \frac{u+6}{14} = 24$$

$$5. \quad \frac{2x-3}{15} = \frac{3x+8}{10} - \frac{x-9}{3}$$

$$6. \quad \frac{7z-15}{16} - \frac{5z-21}{24} - \frac{33-z}{12} = 0$$

$$7. \quad \frac{4-t}{3} - 1 = -\frac{t}{12}$$

$$8. \quad \frac{1-2z}{9} = \frac{1-3z}{6} - \frac{1}{3}$$

$$9. \quad \frac{6+y}{4} + \frac{10-y}{6} = 3$$

$$10. \quad 2 = \frac{4x+1}{6} + \frac{23+3x}{8}$$

$$11. \quad \frac{u+2}{24} - \frac{u-3}{16} = 0$$

$$12. \quad \frac{22x-14}{12} = \frac{8x+7}{5}$$

$$13. \quad 0 = \frac{2x-3}{14} - \frac{5x+17}{21} + \frac{73-14x}{2}$$

$$14. \quad \frac{5x-13}{6} - \frac{8x-10}{21} - \frac{87-x}{14} = 1$$

$$15. \quad \frac{3y+4}{5} - \frac{5y+12}{16} = \frac{7y-4}{8} - \frac{9y-16}{20}$$

$$16. \quad \frac{10x+3}{9} + \frac{17x+1}{25} - \frac{14x-3}{15} + \frac{2-11x}{5} = 5$$