

$$1. \quad 3a + 24 = 9$$

$$2. \quad 150 - 10b = 240$$

$$3. \quad 5c + 13 = 7c - 7$$

$$4. \quad 10d + 22 = 8d + 15$$

$$5. \quad 4(2f + 5) = 8f + 5$$

$$6. \quad 3g + 12 + 8g = 9g + 4$$

$$7. \quad -2(3h - 4) = 14$$

$$14. \quad -2r + 18 = 18 - 6r + 4r$$

$$15. \quad 1s + 2 + 3s + 4 + 5s + 6 = 7s + 8 + 9s + 10$$

$$16. \quad \frac{1}{2}t = \frac{1}{3}t + 4 \text{ (need common denominators!)}$$

$$17. \quad 4(2u + 8) - 5u = 3(u + 11) - 2$$

$$18. \quad \frac{-2v+8}{5} = 4$$

$$8. \quad \frac{2}{3}j = 14$$

$$9. \quad -\frac{1}{4}k + 8 = 1$$

$$10. \quad 5m + 18 = -m - 30$$

$$11. \quad \frac{3}{5}n + 4 = -\frac{4}{5}n + 25$$

$$12. \quad 5(p + 7) - 7p = -p + 40$$

$$13. \quad 5(q - 4) = q - 20$$