

Express each of the following problems algebraically

1. A number increased by 73 is 157	2. The product of 5 and a number is 35
3. 9 less than a number equals 1	4. One-ninth of a number is 9

Solve

5. $716.1 = 9.3a$	6. $1876 = 67a$
7. $41 + 59 = 65 + y$	8. $x - 72 = 12$
9. $15 = a - 80$	10. $x + 88 = 132$
11. $x - 43 = 54$	12. $98.8 + y = 141.64$
13. $4544 = 71a$	14. $n \div 23 = 3$
15. $-3b = -33$	16. $\frac{b}{10} = 6$
17. $j - 8 = 24$	18. $55 - h = 18$
19. $25 - k = 9$	20. $b + 5 \times 6 = 54$
21. $g \times 4 = 40$	22. $b - 12 = 77$
23. $h \div 6 \times 12 = 36$	24. $24 \times 16 \times a = 9216$

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