

Worksheet 1: One Step Equations

Solve for the variable by using inverse operations to isolate it.

Adding and Subtracting:

#1	$15 + b = 23$	#2	$-15 + n = -9$
#3	$26 = 8 + v$	#4	$x - 7 = 13$
#5	$m + 4 = -12$	#6	$p - 6 = -5$
#7	$8 = 3 + p$	#8	$m - 9 = -13$
#9	$16 + n = 9$	#10	$v - 15 = -27$

Multiplying and Dividing:

#11	$-104 = 8x$	#12	$-6 = \frac{b}{4}$
#13	$14b = -56$	#14	$\frac{v}{8} = 2$
#15	$10n = 40$	#16	$11 = \frac{k}{5}$
#17	$-15x = 0$	#18	$\frac{m}{4} = -8$
#19	$21 = -7n$	#20	$-5 = \frac{a}{9}$

Answers

1. $b = 8$
2. $n = 6$
3. $v = 18$
4. $x = 20$
5. $m = -16$
6. $p = 1$
7. $p = 5$
8. $m = -4$
9. $n = -7$
10. $v = -12$
11. $x = -13$
12. $b = -24$
13. $b = -4$
14. $v = 16$
15. $n = 4$
16. $k = 55$
17. $x = 0$
18. $m = -32$
19. $n = -3$
20. $a = -45$