

**Writing Expressions and Equations****Write each phrase as an algebraic expression.**

1.  $b$  plus 1
2. three more than  $x$
3. twelve minus  $y$
4. seven less than  $n$
5. five years younger than Jessica
6. a number less eleven
7. four increased by  $a$
8. eight dollars more than  $m$
9. the product of  $c$  and 10
10. twice as many days
11. three times as many soft drinks
12.  $t$  multiplied by 14
13. Emily's age divided by 3
14. 24 divided by some number
15. a number divided by 2
16. the quotient of  $-15$  and  $w$

**Write each sentence as an algebraic equation.**

17. A number plus three is 9.
18. The sum of  $x$  and 2 is 10.
19. Four cents more than the price is  $93¢$ .
20. Fifteen minus  $y$  is 7.
21. A number decreased by 5 is 12.
22. Five dollars less than Yumi's pay is \$124.
23. A number times four is 20.
24. Twice the number of cars is 40.
25. The product of  $z$  and 6 is 54.
26. A number divided by 6 is 12.
27. 72 divided by  $y$  is  $-9$ .
28. 175 students separated into  $n$  classes is 25.
29. One more than twice as many CDs is 17.
30. Four less than three times a number is 14.