

Name: _____

Basic Algebra

Determine the value of the variable in each equation.

1. $a - 2 = 10$

$a =$ _____

2. $3b + 2 = 14$

$b =$ _____

3. $c + c = 6$

$c =$ _____

4. $4d = 20$

$d =$ _____



5. $\frac{e}{4} = 20$

$e =$ _____

6. $2f - 7 = 14$

$f =$ _____

7. $g - 8 = 95$

$g =$ _____

8. $25 + h = 12$

$h =$ _____

9. $3i + 4 = 25$

$i =$ _____

10. $\frac{j}{2} = 50$

$j =$ _____

11. $35 - k = 24$

$k =$ _____

12. $16 - 2v = 0$

$v =$ _____

13. $\frac{50}{w} = 25$

$w =$ _____

14. $44 + 23 = x$

$x =$ _____

15. $50 - 3p = 20$

$p =$ _____

16. $\frac{55}{q} = 4$

$q =$ _____

17. $10r - 35 = 25$

$r =$ _____