

Name _____

Period _____

3-8

Solve the formula for the indicated variable.

1. $c = pd$ for d

2. $F = ma$ for a

3. $I = prt$ for t

4. $V = Bh$ for h

5. $d = rt$ for t

6. $s = gt^2$ for g

7. $a = \frac{1}{2}bh$ for h

8. $b = 2b + y$ for y

9. $A = \frac{1}{2}h(b + c)$ for h

10. $A = P + Prt$ for r

11. $a = 2(l + w)$ for l

12. $C = \frac{5}{9}(F - 32)$ for F

13. $s = \frac{v}{r}$ for v

14. $d = \frac{m}{v}$ for m

15. $C = \frac{mv^2}{r}$ for m

16. $2ax + 1 = ax + 5$ for x

17. $a = \frac{v - u}{t}$ for u

18. $v^2 = u^2 + 2as$ for a

19. $S = \frac{n}{2}(a + 1)$ for a

20. $m = \frac{a + b + c + d}{4}$ for b

21. $l = a + (n - 1)d$ for d

22. $m = \frac{x + y + z}{3}$ for x

23. $3by - 2 = 2by + 1$ for b

24. $3aw + 1 = aw - 7$ for a

25. $ax + b = c$ for b

26. $D = \frac{a}{2}(2t - 1)$ for a

27. $am - bm = c$ for a

28. $q = 1 + \frac{P}{100}$ for P