

Solve each equation or formula for the variable specified.

1) $7t = x$, for x

2) $e = wp$, for p

3) $q - r = r$, for r

4) $4m - n = m$, for m

5) $7a - b = 15a$, for a

6) $-5c + d = 2c$, for c

7) $x - 2y = 1$, for y

8) $m + 3n = 1$, for n

9) $7f + g = 5$, for f

10) $ax - c = b$, for x

11) $rt - 2n = y$, for t

12) $bc + 3g = 2k$, for c

13) $kn + 4f = 9v$, for n

14) $8c + 6j = 5p$, for c

15) $\frac{x-c}{2} = d$, for x

16) $\frac{x-c}{2} = d$, for c

17) $\frac{p+9}{5} = q$, for p

18) $\frac{b-4z}{7} = a$, for b

Write an equation and solve for the variable specified.

19) Five more than a number g is six less than twice a number h . Solve for g .

20) One fourth of a number q is three more than three times a number w . Solve for q .

21) Eight less than a number s is three more than four times a number t . Solve for s .