(Grade-7) Chapter 6, Exercise (6j)

Changing the subject of a formula.

1. $N = T + G$ (T)

$T + G = N$

$T = N - G$

3. $S = \frac{d}{t}$ (d)

$\frac{d}{t} = S$

$d = St$

5. $S = a + 2b$ (a)

$a + 2b = S$

$a = S - 2b$

7) $S = d - t$ (d)

$d - t = S$

$d = S + t$

9) $C = RT$ (T)

$RT = C$

$T = \frac{C}{R}$

13. $b = a + c + d$ (c)

$a + c + d = b$

$c = b - a - d$

15 $N = rn$ (n)

$rn = N$

$n = \frac{N}{r}$

18 $L = \frac{m}{n}$ (m)

$\frac{m}{n} = L$

$m = Ln$

21. $p = q - r$ (r)

$p + r = q$

$r = q - p$

23. $z = 2x - y$ (x)

$2x - y = z$

$2x = z + y$

$x = \frac{z + y}{2}$

24 $p = \frac{10L}{R}$ (L)

$\frac{10L}{R} = p$

$10L = pR$

$L = \frac{pR}{10}$