

Assignment

DSA

1. $AX + (B * C)$

Prefix

$+ * AX * BC$

Postfix

$AX * BC * +$

2. $(AX + (B * CY)) / (D * E)$

Prefix

$/ + * AX * B * CY * DE$

Postfix

$CY * B * AX * + DE * /$

3. $(A + B) * (C + E)$

Prefix

$* + AB + CE$

Postfix

$AB + CE + *$

4. $AX * (BX * ((CY + AY) + BY) * (X))$

Prefix

$** AX ** BX * + + * CY * AY * BY * (X$

Postfix

$AX * BX * CY * AY * + BY * + CX ***$

5. $(H * (((A + ((B + C) * D)) * F) * G) * E) + J)$

Prefix

$+ * H * * * + A * + D C D F G E J$

Postfix

$H A B C + D * F * G * E * + J$