# Infix, Postfix, and Prefix Quiz

Infix Expression: ( AX + ( B * C ) ) ;
Postfix Expression:
Prefix Expression:

Infix Expression: ( ( AX + ( B * CY ) ) / ( D - E ) ) ;
Postfix Expression:
Prefix Expression:

Infix Expression: ( ( A + B ) * ( C + E ) ) ;
Postfix Expression:
Prefix Expression:

Infix Expression: ( AX * ( BX * ( ( ( CY + AY ) + BY ) * CX ) ) ) ;
Postfix Expression:
Prefix Expression:

Infix Expression: ( ( H * ( ( ( ( A + ( ( B + C ) * D ) ) * F ) * G ) * E ) ) + J ) ;
Postfix Expression:
Prefix Expression:

# Solution

Infix Expression: ( AX + ( B * C ) ) ;
Postfix Expression: AX B C * +
Prefix Expression: + AX * B C


Infix Expression: ( ( AX + ( B * CY ) ) / ( D - E ) ) ;
Postfix Expression: AX B CY * + D E - /
Prefix Expression: / + AX * B CY   - D E



Infix Expression: ( ( A + B ) * ( C + E ) ) ;
Postfix Expression: A B + C E + *
Prefix Expression: * + A B  + C E


Infix Expression: ( AX * ( BX * ( ( ( CY + AY ) + BY ) * CX ) ) ) ;
Postfix Expression: AX BX CY AY + BY + CX * * *
Prefix Expression:  * AX * BX * + + CY AY  BY  CX

Infix Expression: ( ( H * ( ( ( ( A + ( ( B + C ) * D ) ) * F ) * G ) * E ) ) + J ) ;
Postfix Expression: H A B C + D * + F * G * E * * J +
Prefix Expression:  + * H * * * + A * + B C  D   F  G  E   J