

Explain the terms infix expression, prefix expression, and postfix expression. Convert the following infix expressions to their postfix equivalents.

(a) $A - B + C$

(b) $A * B + C / D$

(c) $(A - B) + C * D / E - C$

(d) $(A * B) + (C / D) - (D + E)$

(e) $((A - B) + D / ((E + F) * G))$

(f) $(A - 2 * (B + C) / D * E) + F$

(g) $14 / 7 * 3 - 4 + 9 / 2$

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13. Find out the infix equivalents of the following postfix equivalents.

(a) $A B + C * D -$ (b) $A B C * + D -$

14. Give the infix expression of the following prefix expressions.

(a) $* - + A B C D$ (b) $+ - a * B C D$