

# AQA Computer Science A Level

## 4.3.3 Reverse Polish

### Flashcards

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Which of the following is true of reverse Polish notation?

**A:** It uses a queue

**B:** It eliminates the need for brackets

**C:** It's based on graphs



Which is true of reverse Polish notation?

**B:** It eliminates the need for brackets



Convert the following infix expression to reverse Polish

$$14 + 6$$



Convert the infix expression **14 + 6** to reverse Polish

**14 6 +**



Convert the following infix expression to reverse Polish

$$(12 - 4) \times (3 + 5)$$



Convert the infix expression  $(12 - 4) \times (3 + 5)$  to reverse Polish

12 4 - 3 5 + ×



Convert the following reverse Polish expression to infix

**13 6 + 4 -**





Convert the reverse Polish expression **13 6 + 4 -** to infix

$$(13 + 6) - 4$$



Convert the following infix expression to reverse Polish

$$3(4 - 2) + 9$$



Convert the infix expression  $3(4 - 2) + 9$  to reverse Polish

4 2 - 3 × 9 +



Convert the following reverse Polish expression to infix

4 6 7 + -



Convert the reverse Polish expression **4 6 7 + -** to infix

$$4 - (6 + 7)$$



Which of the following is **not** an example of where reverse Polish is used?

- A. PreScript
- B. Bytecode
- C. PostScript



Which is **not** an example of where reverse Polish is used?

A. PreScript



What is the result of this reverse Polish expression?

**2 8 × 2 4 - ×**





What is the result of the reverse Polish expression

$28 \times 24 - x ?$

$-32$



What is the result of this reverse Polish expression?

**4 6 8 - -**



What is the result of the reverse Polish expression

**4 6 8 - - ?**

**6**

