2018 8.1

Score: _____

1. Evaluate 2 + 3 * 4 -1

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2. Evaluate 4 * 1 - 3 + 2 * 1

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3. What does this AST evaluate to?

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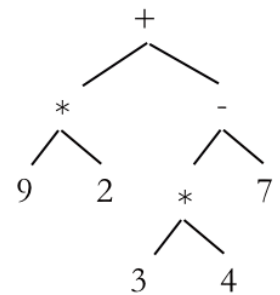
4. What does this AST evaluate to?

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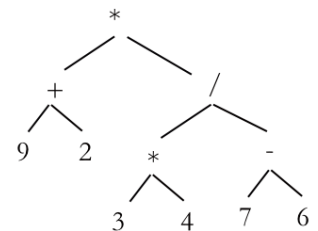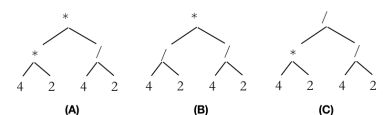
5. Which of the following ASTs does **not** evaluate to 4?

(A) A

(B) B

(C) C

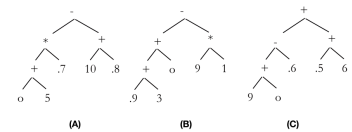6. Evaluate (+ (/ 4 (* 3 2)) 21). *Note that fractions are given in this form: 2/3.*

(A) 21 2/3

(B) 20 1/3

(C) 18 1/3

(D) 21

(E) 20 2/3

(F) 18

7. (* (+ 12 (* 3 (/ 2 1))) 2). *Note that fractions are given in this form: 2/3.*

(A) 23

(B) 36 1/3

(C) 42

(D) 21 2/3

(E) 36

(F) 21

8. Which AST evaluates to *14.9 + o*?

(A) A

(B) B

(C) C

(A)　(B)　(C)

9. Which is the correct AST for (* (+ 12 (* 3 (/ 2 1))) 2)?

(A) A

(B) B

(C) C

(A)　(B)　(C)