

This project asks you to create binary trees that represent arithmetic operations. An example of such a tree is shown in the last panel of Figure 10 in the textbook.

(a) Draw the binary tree that would represent the calculation  $(7x - 3)^3$ .

(b) Draw the binary tree that would represent the calculation  $\frac{3 + 4}{2 - 6} + 8$ .

(c) Draw the binary tree that would represent the calculation  $\frac{5((6 + 2) - 5)^3 + (4 - (6 - 8)^4)^2}{(4^2 - 9^2) + 8^3}$ .