

Brenda is making tree costumes for a play. The list below shows the amounts of the different colors of cloth Brenda will use to make one tree costume.

- $3\frac{5}{8}$ yards brown cloth
- $2\frac{1}{2}$ yards orange cloth
- $\frac{2}{3}$ yard yellow cloth

- a. What is the difference, in yards, between the amount of orange cloth and the amount of brown cloth that Brenda will use to make one tree costume? Show or explain how you got your answer.

Brenda plans to use brown cloth for the trunk and branches of the tree, and orange and yellow cloth for the leaves.

- b. What is the total amount of cloth, in yards, Brenda will use to make the **leaves** of one tree costume? Show or explain how you got your answer.

Brenda wants to make **two** tree costumes.

- c. What is the total amount of cloth, in yards, Brenda will use to make two tree costumes? Show or explain how you got your answer.