

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

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.

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \text{ yards}$$

3 in  $3\frac{5}{8}$  and 2 in  $2\frac{1}{2}$  I got my answer by subtracting and got 1 as my answer

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

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.

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \text{ yards}$$

Fabric to make leaves. 2 in  $2\frac{1}{2}$  two full yards and  $\frac{2}{3}$  is not a full yard and they only want yards so the now I got my answer

Brenda wants to make two tree costumes. 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.

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \text{ yards}$$

I got my answer by adding 3 in  $3\frac{5}{8}$  and 2 in  $2\frac{1}{2}$  together and got 5 as my final answer.

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.

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

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.

$$\begin{array}{r} 3.7 \\ - 2.5 \\ \hline 1.2 \end{array}$$

1.2

First I made  $2 \frac{1}{2}$  into 2.5 because .5 =  $\frac{1}{2}$ . The I made  $3 \frac{5}{8}$  into 3.7 because 5 is three below 8 and 7 is three below 10

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

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.

$$\begin{array}{r} 2.5 \\ + 0.9 \\ \hline 3.4 \end{array}$$

3.4

I made  $2 \frac{1}{2}$  into 2.5 because  $\frac{1}{2} = .5$ . I made 0.9 because  $\frac{2}{3}$  is one before  $\frac{3}{3}$  and .9 is one before 1.0.

Brenda wants to make two tree costumes.

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.

$$\begin{array}{r} 3.7 \\ + 2.5 \\ + 0.9 \\ \hline 7.1 \end{array}$$

$$\begin{array}{r} 7.1 \\ + 7.1 \\ \hline 14.2 \end{array}$$

14.2

First I added up all the the cloth she needs for one costume then added it to itself.

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 5/8 yards brown cloth
- 2 1/2 yards orange cloth
- 2/3 yard yellow cloth

|                            |                             |                           |             |
|----------------------------|-----------------------------|---------------------------|-------------|
| brown<br>$3 \frac{15}{24}$ | orange<br>$2 \frac{12}{24}$ | yellow<br>$\frac{16}{24}$ | $\emptyset$ |
|----------------------------|-----------------------------|---------------------------|-------------|

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.

$3 \frac{15}{24} = 2 \frac{12}{24} = 1 \frac{3}{24}$  I got my answer  
 $1 \frac{3}{24}$  by doing the amount of brown cloth  
 the amount of orange cloth and got  $1 \frac{3}{24}$

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

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.

$$2 \frac{12}{24} + \frac{16}{24} = 2 \frac{28}{24} \text{ yards}$$

I got my answer  $2 \frac{28}{24}$  yards by doing the amount of yellow cloth + the amount of orange cloth that's how I got my answer  $2 \frac{28}{24}$  yards.

Brenda wants to make two tree costumes.

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.

|                            |                             |                           |
|----------------------------|-----------------------------|---------------------------|
| brown<br>$3 \frac{15}{24}$ | orange<br>$2 \frac{12}{24}$ | yellow<br>$\frac{16}{24}$ |
| $\frac{30}{48}$            | $\frac{48}{48}$             | $\frac{32}{48}$           |

$\times 2$  and then adding them that is how I got my answer

$10 \frac{80}{48}$  yards

1086  
48

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



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.

$$\frac{1}{2} + \frac{1}{2} = \frac{2}{4}$$

$$\frac{5}{8} + \frac{5}{8} + \frac{5}{8} = \frac{15}{8}$$

$$\frac{15}{24} - \frac{12}{24} = \frac{3}{24}$$

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

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.

$$\frac{1}{2} + \frac{1}{2} = \frac{2}{4}$$

$$\frac{5}{8} + \frac{5}{8} = \frac{10}{8} = \frac{5}{4}$$

$$\frac{6}{12} + \frac{1}{12} = \frac{7}{12}$$

Brenda wants to make two tree costumes.

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.

$$\frac{1}{2} + \frac{1}{2} = \frac{2}{4}$$

$$\frac{2}{24} + \frac{2}{24} + \frac{15}{24} = \frac{19}{24}$$

$$\frac{19}{24} + \frac{19}{24} = 1 \frac{14}{24}$$

Brenda will need  $1 \frac{14}{24}$  yards of cloth for two tree costumes. I did the math and Brenda needs  $1 \frac{14}{24}$  to have 2 trees

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2  $\frac{1}{2}$  yards orange cloth

$\frac{2}{3}$  yard yellow cloth

- 1) 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.

$$\begin{array}{r} \text{Brown} \\ 3\frac{5}{8} \\ \hline \end{array} \quad \begin{array}{r} \text{orange} \\ 2\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{5}{8} \\ - 2\frac{1}{2} \\ \hline 1\frac{4}{6} \end{array}$$

I did  $3\frac{5}{8}$  minus  $2\frac{1}{2}$  and the difference is  $1\frac{4}{6}$  yards.

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

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.

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{2} \\ \hline \frac{2}{4} \end{array}$$

$$\begin{array}{r} \frac{2}{4} \\ + \frac{2}{3} \\ \hline \frac{4}{7} \text{ yds} \end{array}$$

Brenda will use  $\frac{4}{7}$  yards of cloth to make leaves. This is because in the total amount  $\frac{1}{2}$  two times and  $\frac{2}{4}$  once, then you would

- 3) Brenda wants to make two tree costumes.

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.

$$\begin{array}{r} 2 \\ 5/8 \\ 5/8 \\ + 5/8 \\ \hline 15/24 \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{2} \\ \hline \frac{2}{4} \end{array}$$

$$\begin{array}{r} 2 \\ 15/24 \\ + 4/7 \\ \hline 19/24 \end{array}$$

$$\begin{array}{r} 19/24 \\ + 19/24 \\ \hline 38/48 \end{array}$$

Brenda will need to use in all  $38/48$  of cloth in all. This is because 1 tree costume is  $19/24$  and then add that up with itself then that makes  $38/48$ .