

Solve.

46) A hiker who has covered the first $3\frac{1}{3}$ miles of a trail determines that $6\frac{1}{3}$ miles remain. How long is the trail? 46) _____

A) 16 mi.

B) $19\frac{1}{3}$ mi.

C) $9\frac{2}{3}$ mi.

D) $9\frac{4}{9}$ mi.

$$\begin{array}{r} 3\frac{1}{3} \\ + 6\frac{1}{3} \\ \hline 9\frac{2}{3} \end{array}$$

47) It was predicted that a tree would double its height during two months of a plant food study, but it grew to $10\frac{3}{4}$ ft., which was actually $3\frac{3}{4}$ ft. more than double. How tall was the plant at the start of the experiment? 47) _____

A) 7 ft.

B) $3\frac{7}{32}$ ft.

C) $8\frac{1}{2}$ ft.

D) $3\frac{1}{2}$ ft.

$$\begin{array}{r} 10\frac{3}{4} \\ - 3\frac{3}{4} \\ \hline 7 \end{array}$$

7 ← double

so $\div 2$

$$7 \div 2$$

$$\begin{array}{r} 3\frac{1}{2} \\ 2 \overline{) 7} \\ \underline{6} \\ 1 \end{array}$$