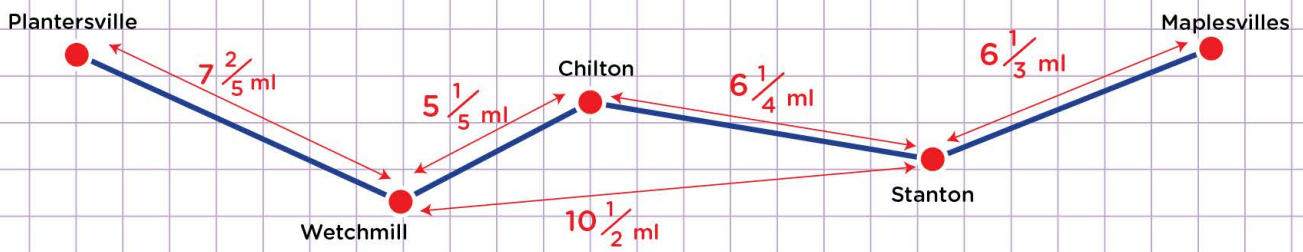


Name: Class:

Maps with decimal distances

1. Using the map, how long is the shortest route from **Plantersville** to **Maplesvilles** ?

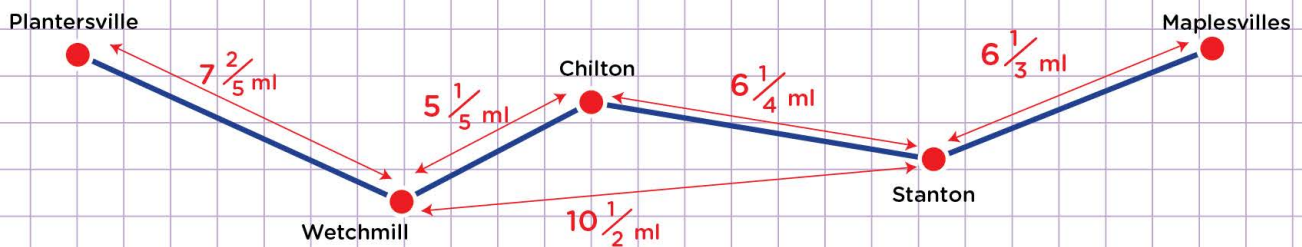


2. Using the precedent map, how long is the shortest route from **Wetchmill** to **Staton** ?

Name: Class:

Maps with decimal distances

1. Using the map, how long is the shortest route from Plantersville to Maplesvilles ?



► Path 1: Plantersvilles - Wetchmill - Chilton - Stanton - Maplesvilles

► Path 2: Plantersvilles - Wetchmill - Stanton - Maplesvilles

a. Add path 1 miles: $7 \frac{2}{5} + 5 \frac{1}{5} + 6 \frac{1}{4} + 6 \frac{1}{3} = 25 \frac{11}{60}$ ml

b. Add path 2 miles: $7 \frac{2}{5} + 10 \frac{1}{2} + 6 \frac{1}{3} = 24 \frac{7}{30}$ ml

Therefore, the shortest route from Platersville to Maplesvilles = $24 \frac{7}{30}$ ml

2. Using the precedent map, how long is the shortest route from Wetchmill to Staton ?

► Path 1: Wetchmill - Chilton - Stanton

► Path 2: Wetchmill - Stanton

a. Add path 1 miles: $5 \frac{1}{5} + 6 \frac{1}{4} = 11 \frac{9}{20}$ ml

b. Add path 2 miles: $10 \frac{1}{2} = 10 \frac{1}{2}$ ml

Therefore, the shortest route from Wetchmill to Stanton $10 \frac{1}{2}$ ml.