High Leverage Assessment 7

Name:_________________________  Teacher:__________  Date:______

A muffin recipe requires \( \frac{2}{3} \) cup of sugar and \( \frac{1}{8} \) cup of butter.

Travis used \( \frac{1}{2} \) cup of butter.

How much sugar does he now need?  Adapted from IM Cooking With the Whole Cup
A sweater costs $29.

If you buy two sweaters, you get a 20% discount.

How much do two sweaters cost?
A train is moving at a constant speed and travels 9 kilometers in 6 minutes.

At that rate:

1. How far does the train travel in 1 minute?

2. How far does the train travel in 100 minutes?

3. How long will it take the train to travel 22.5 km?
A photo is 7.5 inches wide and 10 inches tall.

A) The photo is enlarged. It is now 22.5 inches wide. How tall is the photo?

B) The photo is reduced. It is now 5 inches wide. How tall is the photo?