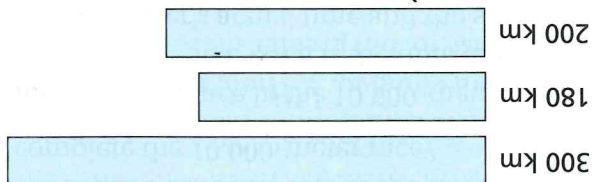


52. These bars represent trips that Ms. Axler took in her job this week.



- Copy each bar and shade in the distance Ms. Axler traveled after going one third of the total distance for each trip.
- How many kilometers had Ms. Axler traveled when she was at the one-third point in each trip? Explain your reasoning.

53. Brett and Jim sign up to run in the Memorial Day race in their town. There are two different events at this race, a 5K (5 kilometers) and a 10K (10 kilometers). Brett signed up for the 5K and Jim signed up for the 10K.

- Make fraction strips where each kilometer run is partitioned on equal length fraction strips for both Brett and Jim.
- Use thermometers to indicate when both Brett and Jim have finished $\frac{5}{3}$ of their races. How many kilometers has each person run at this point?
- Use the thermometers to indicate when both Brett and Jim are finished with four kilometers of their races. What fraction represents the amount of their respective races they have finished?
- Write a "for every" claim that relates the distances Brett and Jim have run to their distance goals.