**BLM 6.N.5.4: Uncle Bert’s Ratio Riddle**

Danny knows that his school is 1 km away from his house.

Uncle Bert says that you can figure out how far a place is if you know the ratio of the distances.

Danny wants to figure out how far is the nearest store.

Uncle Bert gives him a riddle full of ratios.

The distance to my house and the distance to Grandma’s house have a ratio 5 to 20.

The distance to the store and the distance to the arena have a ratio 3 to 8.

The distance to Grandma’s and the distance to the arena have a ratio 20 to 7.

The distance to my house and the distance to the school have a ratio 5 to 1.