Math 4a. Classwork 22.
Speed, time, and distance.


1. From two vilages that are 6 km apart, two people start walking. One is walking at a speed of 5 km per hour, and the second person is walking at a speed of 3 km per hour. What will be the distance between them after 3 hours?
2. The speed of a boat in still water on a lake is $12 \mathrm{~km} / \mathrm{h}$, and the speed of the river flow is $3 \mathrm{~km} / \mathrm{h}$. How many hours will it take the boat to travel from city A to city B if the distance between the two cities is 45 km and city A is upstream, meaning the river flows from A to B ?
How many hours will the boat need to travel from city B back to city A?
3. A boat is traveling downstream on a river at a speed of $19 \mathrm{~km} / \mathrm{h}$. When going upstream, the same boat moves at a speed of $15 \mathrm{~km} / \mathrm{h}$. What is the speed of the river's current, and what is the speed of the boat in still water on a lake?
4. Creat a word problems by the picture and solve them:

