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 km/h, and the speed of the river flow is 3 km/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 km/h. When going upstream, the same boat moves at a speed of 15 km/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:

