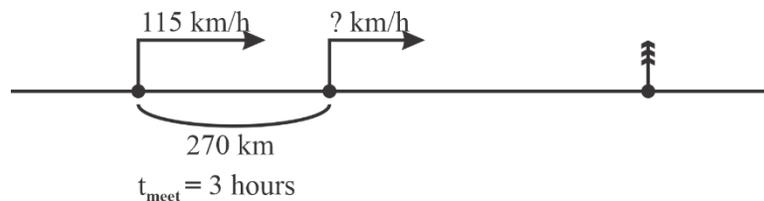


Homework 22.



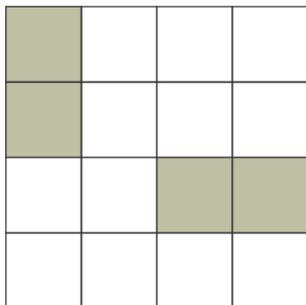
1. From two vilages that are 6 km apart, two people start walking toward each other. One person is walking at a speed of 5 km per hour, and the second person is walking at a speed of 3 km per hour. What will be the distance between them after 3 hours?
2. Create a word problem using the schematic picture and solve it:



3. Evaluate (answer is 5):

$$\frac{16\frac{2}{3} - 15\frac{1}{6} + 1.3}{2.5 \cdot 0.56 \cdot 0.4}$$

4. There are 2500 people living in two villages. The first village has twice as many people as the second village, plus an additional 100 people. How many people are in each village?
5. Can you divide the square into four equal (congruent or identical) parts using grid lines so that each part contains one shaded small square?



6. Solve the following equations:

a. $7x - 5 = 86$

b. $46 - z = 38$

7. Write the expression for the problems:

a. Jeremy is c years old, his sister is d years old. How many times Jeremy will be older than his sister in 3 years?

b. Mary, Emily and Helen together are x years old. Mary is n years old, and she is twice as old as Emily. How old is Helen?