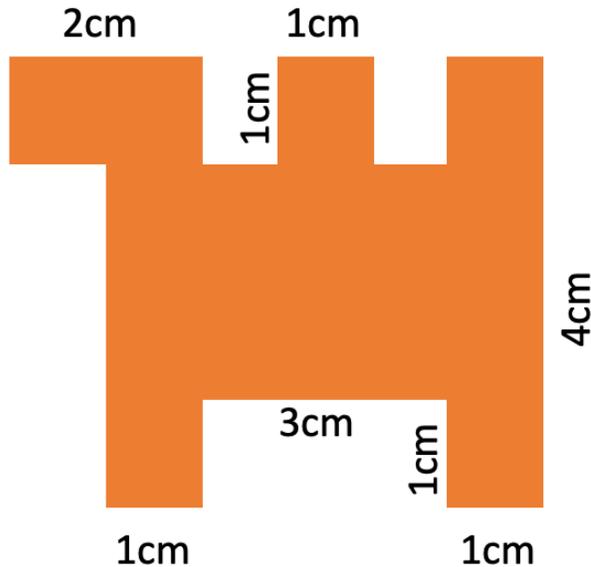


Homework

1. Find the area of the following camel-shaped figure (all angles are right angles)

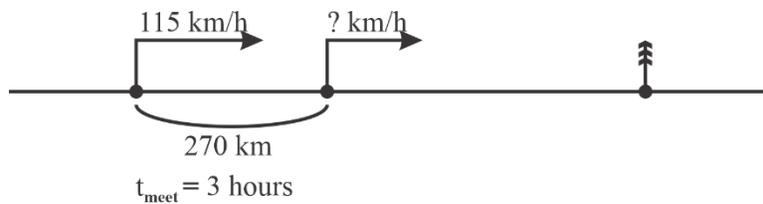


2. A boat is traveling downstream on a river at a speed of 19 km/h. When going upstream, the same boat moves at a speed of 15 km/h. What is the speed of the river's current, and what is the speed of the boat in still water on a lake?

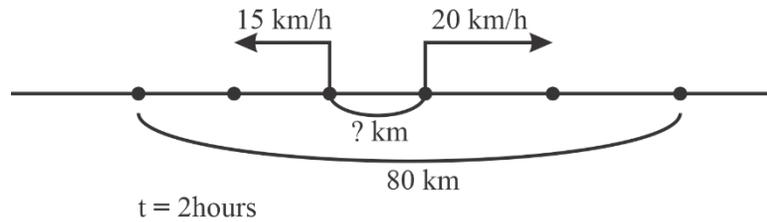


3. Create word problems by the pictures and solve them:

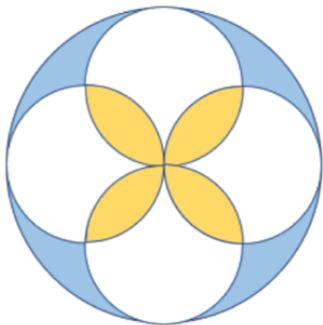
a)



b)



4. Ten mice and birds (real, not toy) ate 56 grains. Each mouse ate 5 grains, and each bird ate 6 grains. How many mice and how many birds were there?
5. 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?
6. Solve the following equations:
 - a) $50 - 2 = 8z$
 - b) $7x - 5 = 86$



7. On the picture, the radius of the bigger circle is twice as big as the radius of the smaller circles. Prove that the area shaded blue is the same as the area shaded yellow