6th Grade Individual Exercises/Group Discussions on Feb 24, 2018 led by Dr. Zhisheng Shuai

Each student first works on these problems individually, then forms into groups and conducts group discussion.

Problem 1  Eight times a number is 28 more than the number. Find the number.

Problem 2  A train consists of an engine and several freight cars. The engine is 21 meters in length and each freight car is 11 meters in length. If the length of the train is 362 meters, then what is the number of freight cars in the train (without the engine)?

Problem 3  Henry and John started walking from the same point. Henry went 2 miles north, 2 miles west, 4 miles south and finally 1 mile west. John went 1 mile east, 4 miles south and 4 miles west. How should John walk to reach the same point as Henry?

Problem 4  A square can be formed using four of these five pieces. Which one will not be used?