

# CHOO CHOO TRAIN

20:20

1. Notice the letters that appear in the top trains several times: C, I and K.  
For each letter, there are several different cars that correspond to it; for example, for C they are:



Each of the cars has a gray and a red block on them, but the arrangement of blocks differs. It makes sense to assume that each letter corresponds to a car with a certain set of blocks on it, irrespective of the positions of the blocks.

2. The easiest way to encode letters is to encode their positions in the alphabet.  
Letters H and I are the 8th and 9th letters of the alphabet, and they are represented by cars with a blue block and a pair of blocks, blue and red, respectively. Thus a blue block corresponds to 8 and a red one - to 1.  
Letter C is the 3rd letter of the alphabet, and it is represented by a car with a gray and a red blocks, so a gray block corresponds to 2.  
Finally, E is the 5th letter and is represented by a car with a black and a red blocks, so a black block corresponds to 4.  
We can verify that using the rest of the given letters.
3. To decode the answer, we add up the blocks loaded on each car and convert the number to a letter in that position in the alphabet.

## ANSWER: GOLD LEAF