



## MATH AND LOGIC PUZZLES FOR THE 'ENGINEER' IN ALL OF US

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### BOB AND JOHN

Bob and John form a team together. Bob is as old as John will be when Bob is twice as old as John was when Bob was half as old as the sum of their current ages. John is as old as Bob was when John was half as old as he will become in ten years.

How old are Bob and John?



### A MOVING TALE (FIND A WORD CONTAINING "CITY" FOR EACH LINE)

I lived in a city that held as much as it could,  
So I moved to another that repaid what it should.  
The third had very little, with not much to be found,  
The fourth was very boring, with no change in the sound.  
The fifth was a jungle; wild beasts roamed in the street,  
The sixth was so foggy you could not see past your feet.  
The seventh was on the move; I could barely keep the pace,  
The eighth was so evil; a whole city in disgrace.  
The ninth was off-center; the people were bizarre,  
The tenth was quite truthful; where honesty is par.  
The eleventh was so wise; the acumen hurt my brain,  
So I settled in a twelfth, because it was so plain.

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### THE SMITH JONES ROBINSON RIDDLE

On a train, Smith, Robinson, and Jones are the fireman, brakeman, and the engineer, but NOT respectively. Also aboard the train are three businessmen who have the same names: a Mr. Smith, a Mr. Robinson, and a Mr. Jones. Using the clues below, can you determine the identity of the Engineer?

1. Mr. Robinson lives in Detroit.
2. The brakeman lives exactly halfway between Chicago and Detroit.
3. Mr. Jones earns exactly \$20,000 per year.
4. The brakeman's nearest neighbor, one of the passengers, earns exactly three times as much as the brakeman.
5. Smith beats the fireman in billiards.
6. The passenger whose name is the same as the brakeman's lives in Chicago.