

TPS #3 $\frac{1}{2}$: Team Puzzle Solving

1 Team Round

1. An early 19th century locomotive departs from the train station. Make sure that the engine does not explode. (5 7 7)
2. Determine the best kind of pork to use as deli meat. (3 7 7)
3. Figure out what the fundamental particles are that molecules are made of. (4 7 7)

2 Problem Round

4. Work together to sift through the broken stone left behind from a destroyed building. (4 6 7)
5. Your high school is organizing a dance party. Figure out the optimal assignment of couples for all of you to attend. (4 4 7)
6. It would be easier to work on this puzzle if you had a large flat surface supported by legs. IKEA provides products of this type, but most assemblies are designed for more than one person. (4 5 7)

3 Solving Round

7. Triangle $\triangle ABC$ is equilateral. That's super lame. Take turns saying rude and offensive things to $\triangle ABC$. (4 7 9)
8. Misha is running low on ideas for TPS. You should all come up with questions for him to use next week. (4 7 9)
9. As a group, arrange the questions on this handout in alphabetical order. (4 7 7)