

Rugby Points

In rugby you can score the following points:

- 3 points for a penalty kick
- 5 points for a try
- 7 points for a converted try



What is the highest score that you can know for certain how the points were scored?

For example, the answer can't be 21 points as there are two different ways to make 21. It could be three converted tries or seven penalty kicks.

So the question is can you find the highest score with only one possible combination of penalty kicks, tries and converted tries?