

## Dice Train

<https://nrich.maths.org/9747>



### Rule 1

- Faces that touch each other have the same number i.e. underneath the white dice is a 3 touching a 3 on the blue dice. The blue dice has a 6 that touches a 6 on the middle blue dice. The middle blue dice has a 1 that touches the last dice.

### Rule 2

- The number on the top of the funnel must equal the total of the numbers showing on the top of the remaining dice (carriages) that can be seen.

### Rule 3

- Always use 4 or more dice, so there are at least 2 'carriages' to add up.