

11 and 12 Times Table

Malorie and Justin each roll a dice. Malorie's dice is numbered from 1-12. Justin's dice is numbered from 1-11. They multiply the numbers they have rolled by the number of sides on their own dice.



Malorie

Our combined total was greater than 135 but less than 165.



Justin

I rolled an even number.

Find different combinations of numbers Malorie and Justin could have rolled.

Various answers, for example: Malorie could have rolled the number '9' whilst Justin could have rolled the number '4' which is an even number. $9 \times 12 = 108$ and $4 \times 11 = 44$. $108 + 44 = 152$ which is greater than 135 but less than 165.