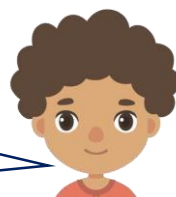


1. Malorie and Justin each roll a dice. Malorie's dice is numbered from 1-12. Justin's dice is numbered from 1-11. They multiply the numbers they have rolled by the number of sides on their own dice.



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

Malorie



I rolled an even number.

Justin

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

DP

2. Using your knowledge of the 11 and 12 times tables, find the value of each flower by completing the calculations below. The value of one flower has been shown below.

$$\text{Blue flower} \times \text{Green flower} \div \text{Red flower} \times \text{Yellow flower} = \text{Blue flower}$$

$$\text{Red flower} \times \text{Red flower} \times \text{Green flower} = \text{Green flower} \times \text{Green flower}$$

$$\text{Orange flower} \times \text{Green flower} = \text{Dark green flower} \times \text{Red flower} \times \text{Yellow flower}$$

$$\text{Green flower} \times \text{Red flower} \times \text{Yellow flower} = \text{Purple flower} \times \text{Yellow flower}$$

$$\text{Blue flower} = \square \quad \text{Green flower} = \square \quad \text{Red flower} = \boxed{1} \quad \text{Yellow flower} = \square \quad \text{Orange flower} = \square \quad \text{Dark green flower} = \square \quad \text{Purple flower} = \square$$

DP

