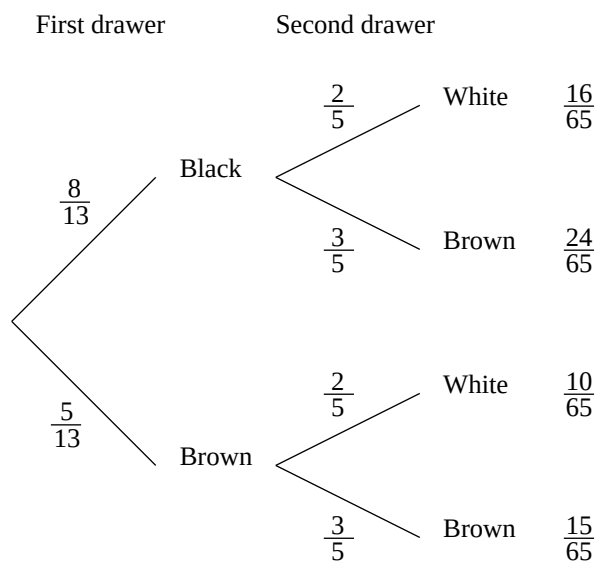


GCSE Mathematics

Probability

(i)

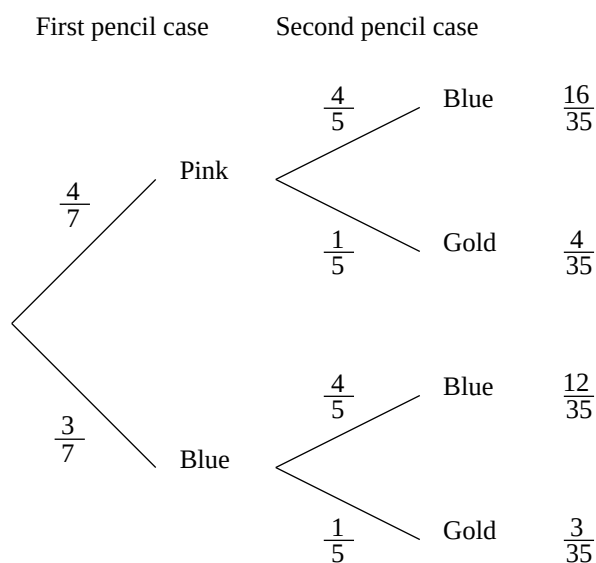


(ii) $\frac{16}{65}$

(iii) $\frac{15}{65}$

Answer 1

(i)

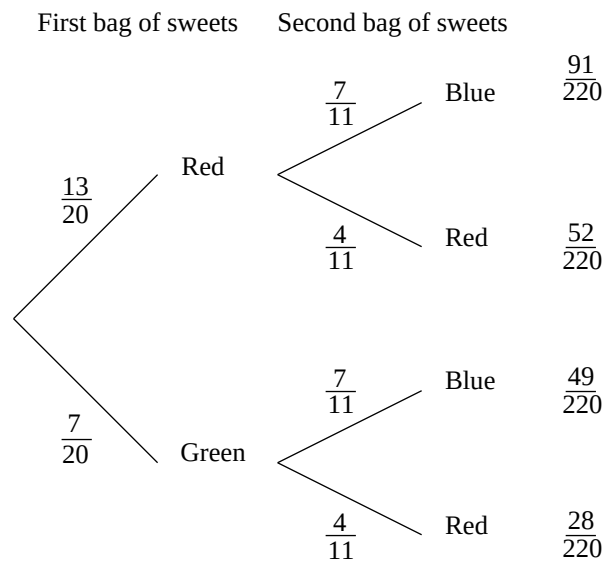


(ii) $\frac{4}{35}$

(iii) $\frac{12}{35}$

Answer 2

(i)

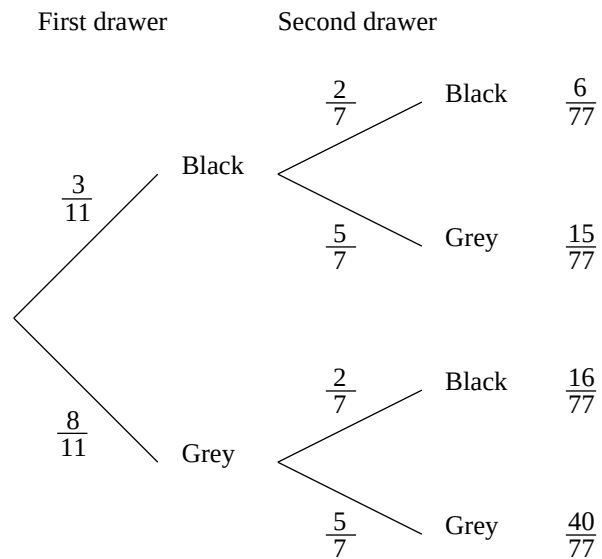


(ii) $\frac{49}{220}$

(iii) $\frac{168}{220}$ or $\frac{42}{55}$

Answer 3

(i)



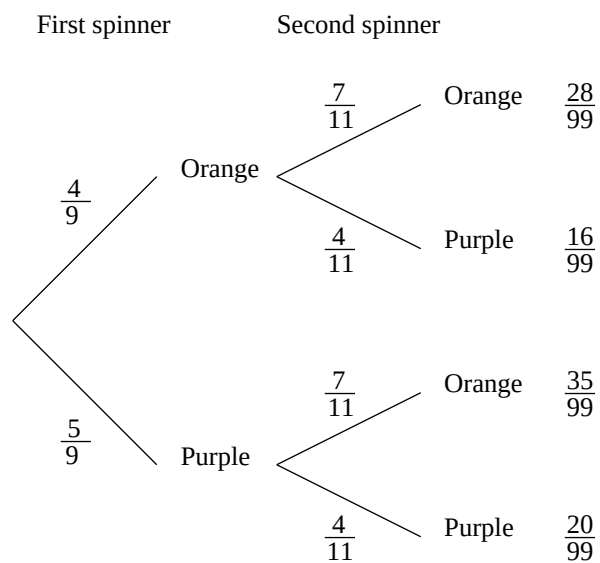
(ii) $\frac{6}{77}$

(iii) $\frac{46}{77}$

(iv) $\frac{31}{77}$

Answer 4

(i)



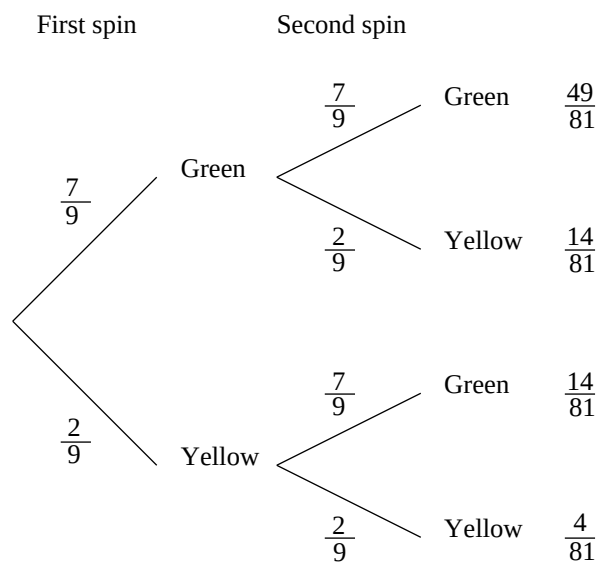
(ii) $\frac{28}{99}$

(iii) $\frac{48}{99}$ or $\frac{16}{33}$

(iv) $\frac{51}{99}$ or $\frac{17}{33}$

Answer 5

(i)



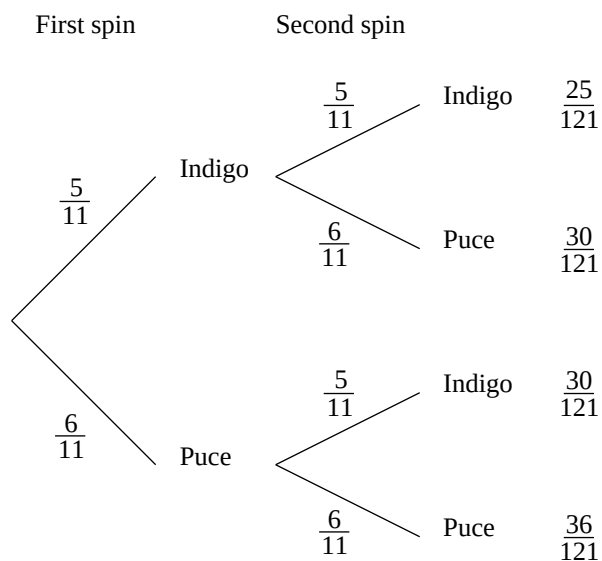
(ii) $\frac{49}{81}$

(iii) $\frac{53}{81}$

(iv) $\frac{28}{81}$

Answer 6

(i)



(ii) $\frac{25}{121}$

(iii) $\frac{61}{121}$

(iv) $\frac{60}{121}$

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In October 2020, Shrewsbury School was voted “**Independent School of the Year 2020**”

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Teachers may obtain detailed worked solutions to the exercises by email from MHHShrewsbury@Gmail.com