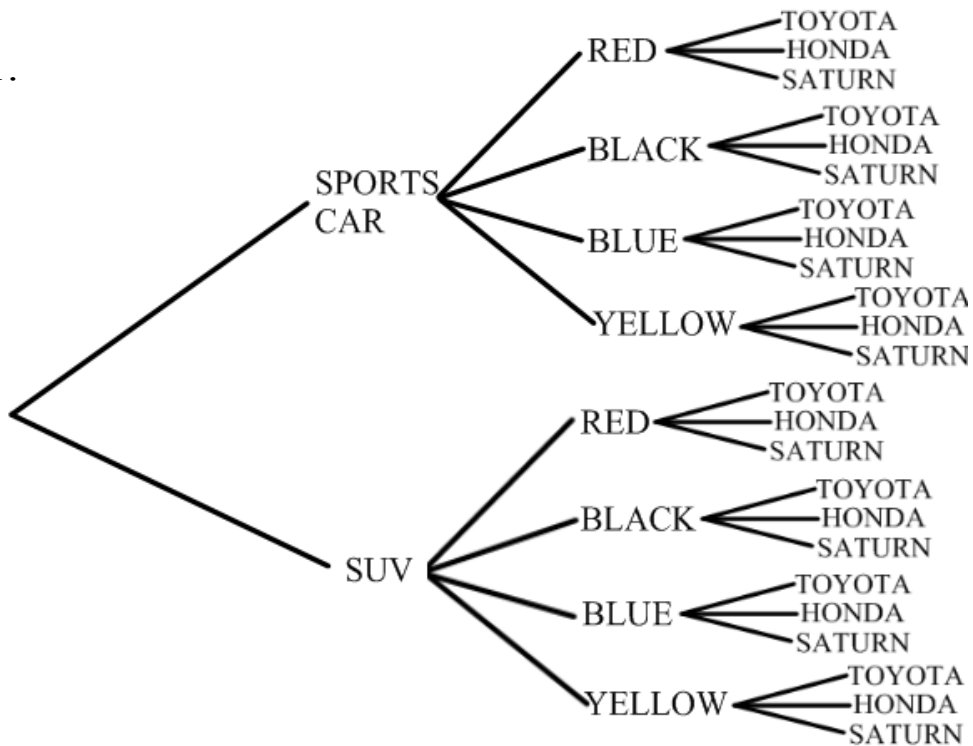


PROBABILITY REVIEW ANSWERS

1.



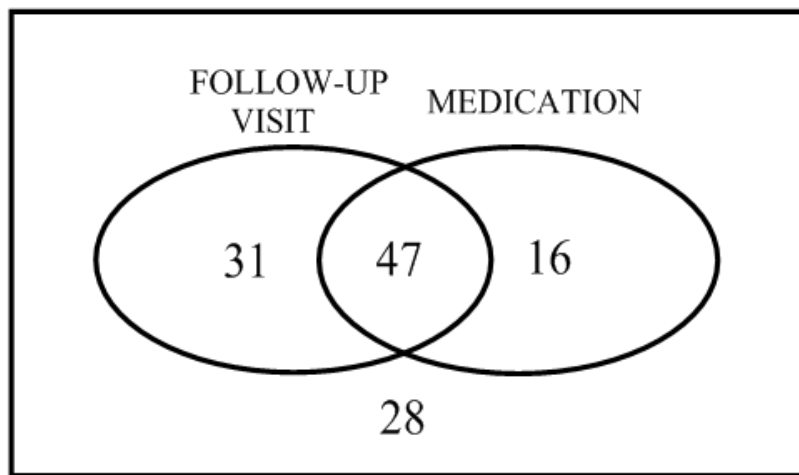
She will be choosing from $2 \times 4 \times 3 = 24$ vehicles.

2 a. 17 576 000

b. 11 232 000

c. 15 600 000

3.



a. $16/122 = 8/61$

b. $28/122 = 14/61$

4. $5/13$

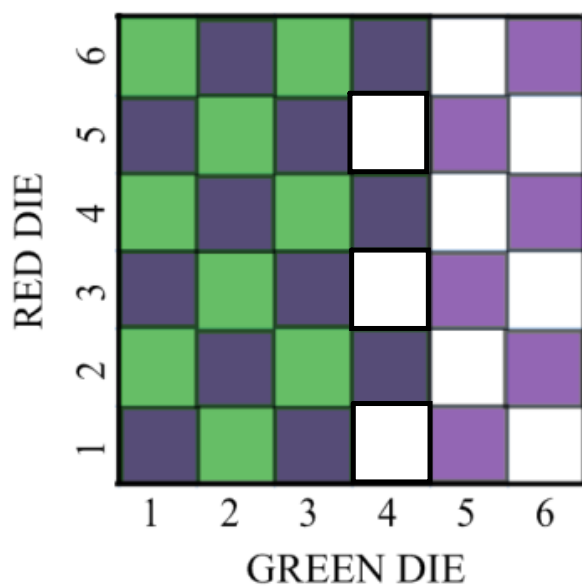
5. $4/9$

6. $1/221$

7. $8/27$

8. $2/3$

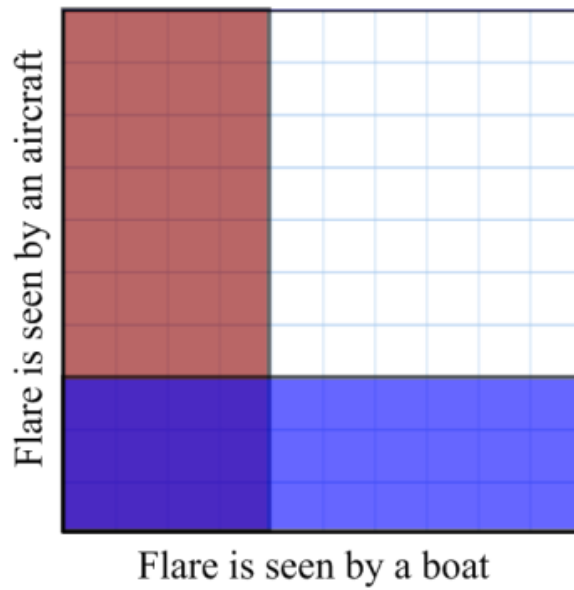
9.



a. $9/36 = 1/4$

b. $27/36 = 3/4$

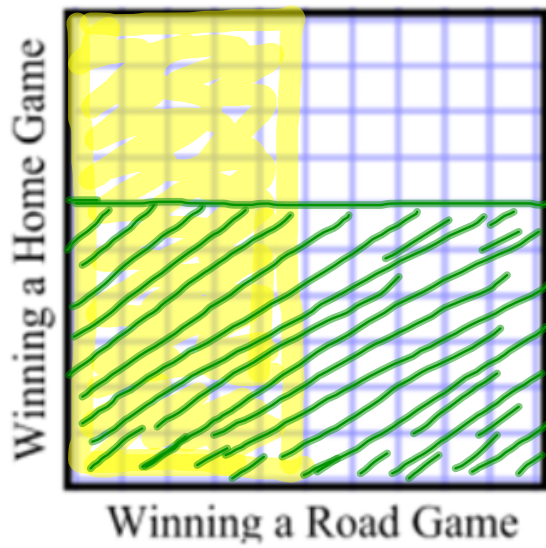
10.



$$P(\text{flare is seen by aircraft or boat}) = 58/100 = 29/50$$

- 11 a. $\frac{1}{36}$ b. $\frac{11}{36}$ c. $\frac{5}{12}$
- d. $\frac{11}{12}$ e. $\frac{1}{9}$ f. $\frac{5}{9}$

12.



a. $30/100 = 3/10$

b. $80/100 = 4/5$

c. $50/100 = 1/2$

d. $20/100 = 1/5$

13 a. $35/100 = 7/20$

b. $56/100 = 14/25$