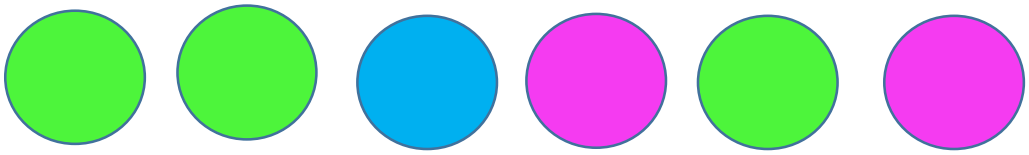
NLC Maths and Numeracy Learning at Home

Second Level: Ideas of Uncertainty and Chance



Use the marbles above to work out the answers to these questions. The marbles are placed in a bag and are drawn at random.

1. What colour of marble is least likely to be drawn from the bag?

2. What is the probability of drawing the blue marble?

3. What is the probability of drawing a green marble?

4. What is the probability of drawing a pink marble?

5. What is the probability of drawing a marble that is not green?

6. Would you be more likely to draw a marble that is not blue or a marble that is not purple? Explain your answer.

7. If three more blue marbles were added to the bag, what is the probability of drawing a blue marble?