Foundation

1. Write the probability of getting heads on a fair coin in F/T form.

2. Write the probability of getting tails on a fair coin in F/T form.

3. Write the probability of rolling a 6 on a fair die in F/T form.

4. Write the probability of rolling an even number on a fair die in F/T form.

5. Write the probability of rolling a number less than 3 on a fair die in F/T form.

6. Write the probability of choosing a red counter from a bag with 3 red and 2 blue counters in F/T form.

7. Write the probability of choosing a blue counter from a bag with 4 green and 1 blue counter in F/T form.

8. Write the probability of landing on A from a fair spinner with equal sectors labelled A, B, C, and D.

9. Write the probability of landing on a vowel from a fair spinner labelled A, B, C, D, E.

10. There are 10 marbles and 7 are yellow. Write the probability of picking yellow in F/T form.

11. There are 8 cards and 2 are stars. Write the probability of picking a star in F/T form.

12. Fill in the blank: for a fair die, $P(\text{odd}) = \frac{\square}{6}$.

13. Fill in the blank: for one coin toss, $P(\text{heads}) = \frac{1}{\square}$.

14. Which is greater: $P(\text{rolling } 1)$ or $P(\text{rolling an even number})$ on a fair die?

15. Which is smaller: $P(\text{heads})$ on a fair coin or $P(\text{rolling } 5)$ on a fair die?

16. A student says the probability of rolling a number less than 7 on a fair die is $\frac{7}{6}$. Are they correct?