

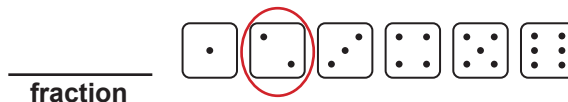
Basic Probability

1 Write the probability of flipping “heads” as a fraction, a decimal, and a percentage.



_____ _____ _____
fraction decimal percentage

2 What is the probability for rolling a 2 on a standard 6-sided die? (write as a fraction)



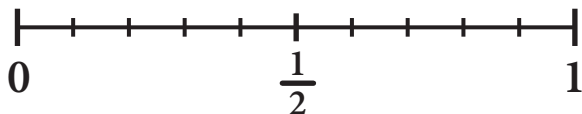
fraction

Would this event be considered “likely” or “unlikely”?

3 A spinner has 10 equally sized sectors. What is the probability of spinning a 5? (write 3 ways)

_____ _____ _____
fraction decimal percentage

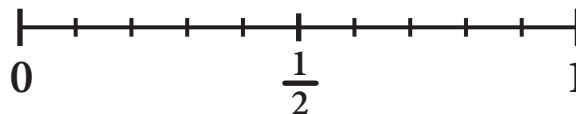
Place a dot on the probability line to represent that probability.



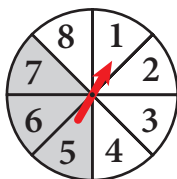
4 A bag contains 3 red marbles and one blue marble. What is the probability of randomly choosing a red marble? (write 3 ways)

_____ _____ _____
fraction decimal percentage

Place a dot on the probability line to represent that probability.



5 Use this spinner to answer the following questions: (Use fraction form to express the probabilities.)



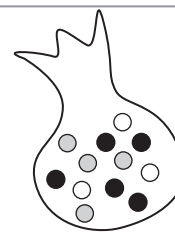
a. What is the probability of spinning an 8? _____

b. What is the probability of spinning an 4? _____

c. What is the probability of spinning a grey sector? _____

d. What is the probability of spinning a white sector? _____

6 Use this bag of 12 marbles to answer these questions. (Use fraction form to express the probabilities.)



If you randomly select a marble...

a. What is the probability it will be black? _____

b. What is the probability it will be grey? _____

c. What is the probability it will be white? _____

d. What is the probability it will be white or grey? _____