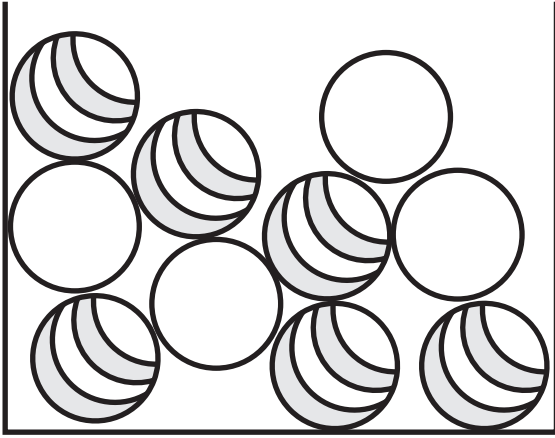


Name: _____

1) A box has six striped balls and four plain balls.



a) Jane takes a ball without looking. What is the probability that the ball will be striped?

- 1 out of 10 3 out of 10
 6 out of 10 8 out of 10

2) A coin has two sides, head and tail sides. The coin is thrown up into the air. As a fraction, what is the probability of it landing on heads? _____

3) A person is chosen at random. Which of these has a probability of $\frac{1}{4}$?

- Their birthday is in January. Their birthday is in winter.
 They were born on a Wednesday. They were born at 6 pm.

4) There are 100 tickets in a raffle. Liam has ten tickets. As a fraction, what is the probability that Liam's ticket will be drawn? _____

5) There are 100 people in a room. Eight have green eyes, twelve have blue eyes, and the rest have brown eyes. A person is chosen at random. What is the probability that:

- a) They will have green eyes. $\frac{4}{100}$ $\frac{8}{100}$ $\frac{12}{100}$ $\frac{16}{100}$
b) They will have brown eyes. $\frac{2}{10}$ $\frac{4}{10}$ $\frac{8}{10}$ $\frac{4}{80}$

6) A wheel numbered 1 to 30 is spun. As a fraction, what is the probability:

- a) it will stop on an even number? _____
b) it will stop on a number greater than 20? _____
c) it will stop on the same number as the previous spin? _____