Sample Toss-up - Round 1

1) What is the Least Common Multiple of 20 and 24?
Answer: 120

2) At what angle do the diagonals of a rhombus meet?
Answer: 90 degrees or right angle

3) What is the supplement of a 125 degree angle?
Answer: 55 degrees

4) In what quadrant does the ordered pair (-1, 3) lie?
Answer: Second

5) How are the slopes of two perpendicular lines related?
Answer: Negative reciprocals

6) Find the distance between the points (3, 7) and (7, 4).
Answer: 5

7) What is the smallest "perfect number"?
Answer: 6

8) If the circumference of a circle is divided by its diameter, what is the resulting number?
Answer: pi

9) What is the prime factorization of 24?
Answer: 2^3*3

10) There are six teams in a basketball league. Each team must play every other team exactly once. How many games will be played in the league?
Answer: 15