

Student Name: _____

Score: _____

Probability Worksheet

Problems

Work Space

1) The possibility of raining today is 40%.

a) Find the odds that it will rain today.

Answer: _____

b) Find the odds that it will not rain today.

Answer: _____

2) The probability of a ball is $\frac{2}{7}$ and

a) Find the odds in favor of the ball.

Answer: _____

b) Find the odds against the ball.

Answer: _____

c) Find the probability of a black ball.

Answer: _____

d) Find the probability of a white ball.

Answer: _____

3) The probability of winning a game is $\frac{6}{7}$.

a) Find the odds in favor of winning.

Answer: _____

b) Find the odds in favor of loss.

Answer: _____

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Answer key

Probability Worksheet

- 1) The possibility of raining today is 40%.
- a) Find the odds that it will rain today.
Answer: **2 : 3**
- b) Find the odds that it will not rain today.
Answer: **3 : 2**

- 2) The probability of a red ball is $\frac{2}{7}$ and a black ball is $\frac{3}{7}$.
- a) Find the probability of a red ball.
Answer: $\frac{2}{7}$
- b) Find the probability of a black ball.
Answer: $\frac{3}{7}$
- c) Find the probability of a white ball.
Answer: $\frac{2}{7}$
- d) Find the probability of a black ball.
Answer: $\frac{3}{7}$

- 3) The probability of a red ball is $\frac{1}{6}$ and a black ball is $\frac{5}{6}$.
- a) Find the probability of a red ball.
Answer: $\frac{1}{6}$
- c) Find the odds in favor of loss.
Answer: **1 : 6**

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