

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 black ball is $\frac{2}{7}$ and the probability of a white ball is $\frac{5}{7}$.
- a) Find the odds in favor of a black ball.
Answer: _____
- b) Find the odds against a black 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 ball is $\frac{2}{7}$ and

a) Find the odds that it will be black.

Answer: 5 : 2

b) Find the odds that it will be white.

Answer: 2 : 5

c) Find the odds that it will be black.

Answer: 5 : 2

d) Find the odds that it will be black.

Answer: 5 : 2

3) The probability of winning a game is $\frac{1}{7}$

a) Find the odds that it will be a win.

Answer: 1 : 6

c) Find the odds in favor of loss

Answer: 1 : 6

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