Probability: Darts

Data and Graphing Worksheet

Study the problem and answer the probability questions.

Write your answer as a fraction and simplify if possible.

One dart is thrown at the board.

1. What is the probability of hitting an even number? _____

2. What is the probability of hitting an odd number? _____

3. What is the probability of hitting a multiple of 4? _____

4. What is the probability of hitting a factor of 12? _____

5. What is the probability of hitting the number 15? _____

6. What is the probability of hitting the number 20 or the number 1? _____

7. What is the probability of hitting a multiple of 5? _____

8. What is the probability of hitting a number more than 10 but less than 18? _____

Answers

One dart is thrown at the board.

What is the probability of hitting an even number?   1/2

What is the probability of hitting an odd number?   1/2

What is the probability of hitting a multiple of 4?   1/4

What is the probability of hitting a factor of 12?   3/10

What is the probability of hitting the number 15?   1/20

What is the probability of hitting the number 20 or
the number 1?   1/10

What is the probability of hitting a multiple of 5?   1/5

What is the probability of hitting a number more
than 10 but less than 18?   7/20