



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.



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|--|----------------|
| What is the probability of hitting an even number? | $\frac{1}{2}$ |
| What is the probability of hitting an odd number? | $\frac{1}{2}$ |
| What is the probability of hitting a multiple of 4? | $\frac{1}{4}$ |
| What is the probability of hitting a factor of 12? | $\frac{3}{10}$ |
| What is the probability of hitting the number 15? | $\frac{1}{20}$ |
| What is the probability of hitting the number 20 or the number 1? | $\frac{1}{10}$ |
| What is the probability of hitting a multiple of 5? | $\frac{1}{5}$ |
| What is the probability of hitting a number more than 10 but less than 18? | $\frac{7}{20}$ |