



Probability: Tickets

Data and Graphing Worksheet

Study the problem and answer the probability questions.

Write your answer as a fraction and simplify if possible.

Raffle tickets are numbered from 1-40. A ticket is picked at random.



1. What is the probability of picking an even number? _____
2. What is the probability of picking a number greater than 20? _____
3. What is the probability of picking a number less than 20? _____
4. What is the probability of picking numbers greater than 25 but less than 35? _____
5. What is the probability of picking a multiple of 5? _____
6. What is the probability of picking a number ending with 0? _____
7. What is the probability of picking the number 7? _____
8. What is the probability of picking one of the numbers 3 or 13 or 23? _____



Answers

Raffle tickets are numbered from 1-40. A ticket is picked at random.



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|--|-----------------|
| What is the probability of picking an even number? | $\frac{1}{2}$ |
| What is the probability of picking a number greater than 20? | $\frac{1}{2}$ |
| What is the probability of picking a number less than 20? | $\frac{19}{40}$ |
| What is the probability of picking numbers greater than 25 but less than 35? | $\frac{9}{40}$ |
| What is the probability of picking a multiple of 5? | $\frac{1}{5}$ |
| What is the probability of picking a number ending with 0? | $\frac{1}{10}$ |
| What is the probability of picking the number 7? | $\frac{1}{40}$ |
| What is the probability of picking one of the numbers 3 or 13 or 23? | $\frac{3}{40}$ |