

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.



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