

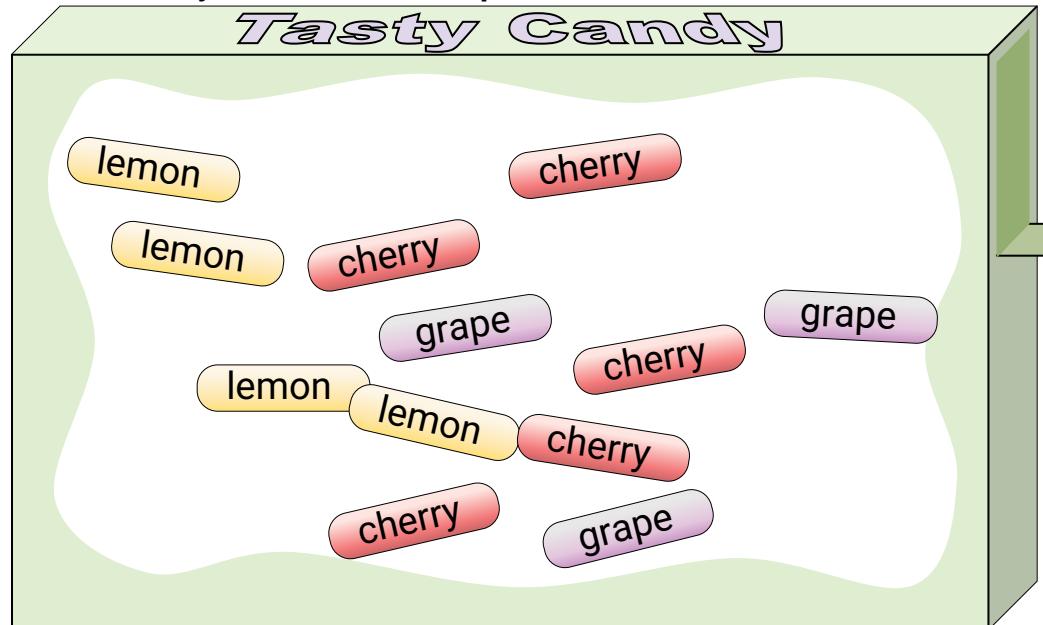


Determining Probability with Candy

Name: _____

Use the candy box to solve each problem.

Tasty Candy



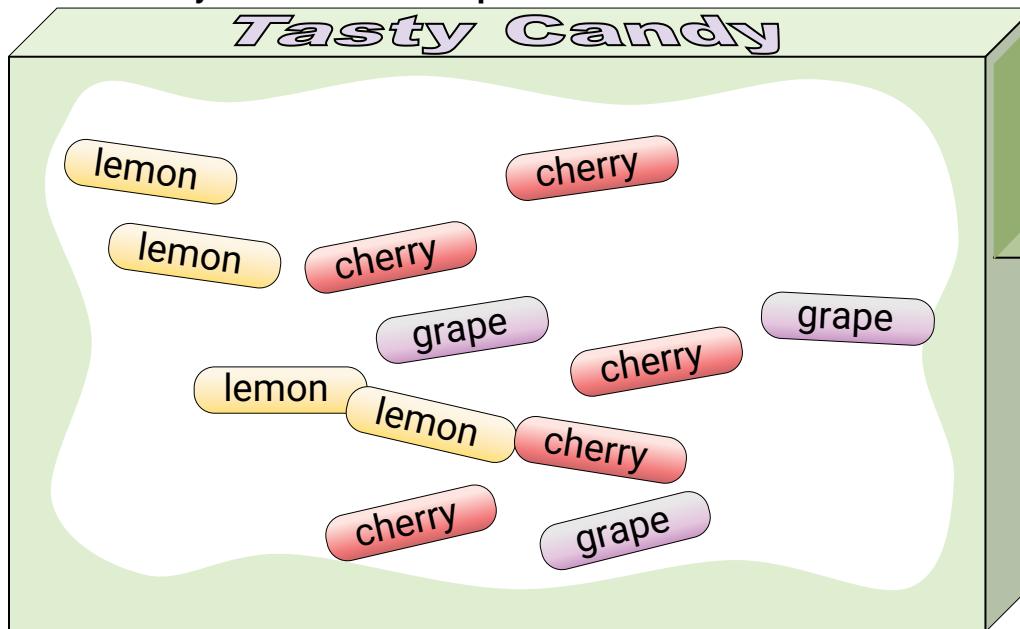
Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 1) If you picked 1 piece of candy out of the box which flavor would you have the highest probability of selecting?
- 2) What is the probability of selecting a lemon piece?
- 3) How many total pieces of candy are in the box?
- 4) What is the probability of selecting a cherry piece?
- 5) What is the probability of selecting a grape piece?
- 6) Your friend wants either a cherry piece or a grape piece. If you picked a piece out randomly, which one would you have the highest probability of selecting?
- 7) If you picked a piece at random would you be more likely to select a lemon piece or a cherry piece?
- 8) If you ate 3 lemon pieces, 4 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?
- 9) What is the probability of selecting either a cherry piece OR a grape piece?
- 10) Which flavor has the lowest probability of being selected?



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Answers

1. **cherry**
2. **4 out of 12**
3. **12**
4. **5 out of 12**
5. **3 out of 12**
6. **cherry**
7. **cherry**
8. **lemon**
9. **8 out of 12**
10. **grape**