

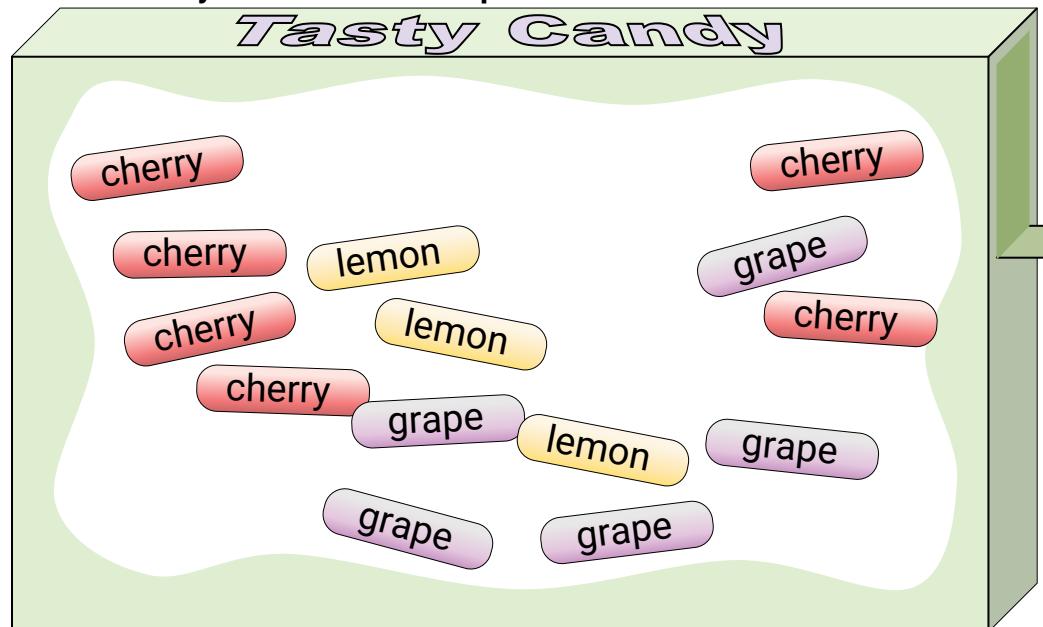


Determining Probability with Candy

Name: _____

Use the candy box to solve each problem.

Tasty Candy



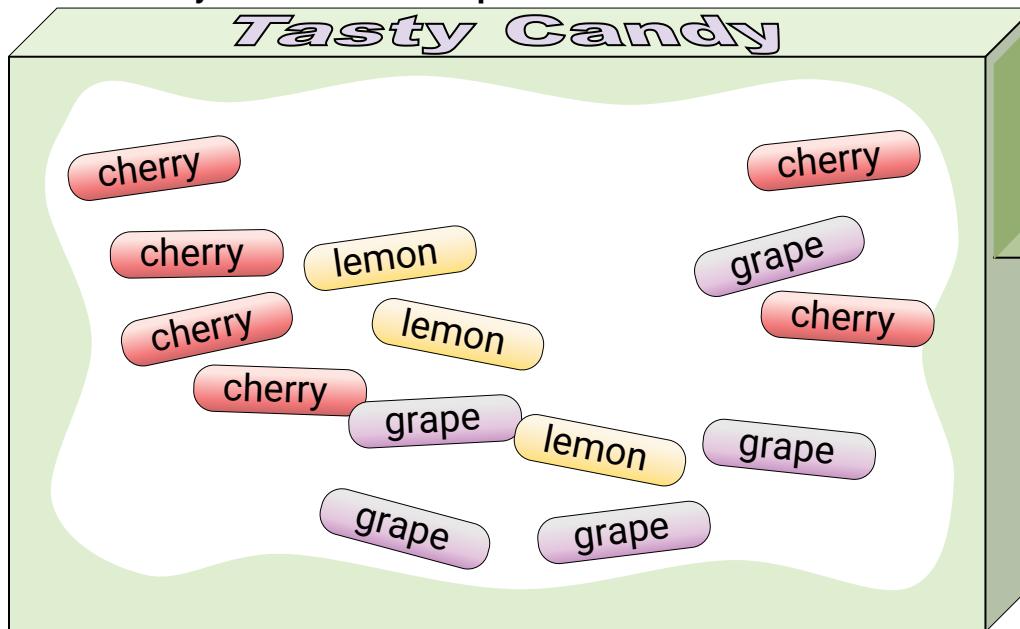
Answers

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

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



Use the candy box to solve each problem.



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- 2) Which flavor has the lowest probability of being selected?
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- 4) What is the probability of selecting a lemon piece?
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Answers1. **6 out of 14**2. **lemon**3. **cherry**4. **3 out of 14**5. **5 out of 14**6. **11 out of 14**7. **cherry**8. **grape**9. **14**10. **cherry**