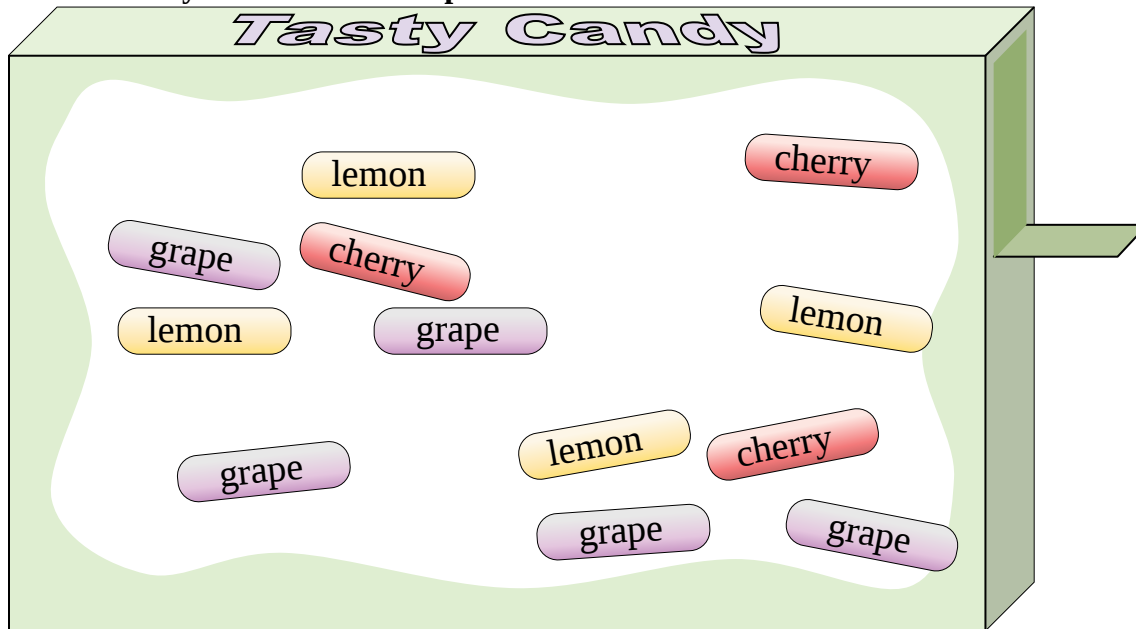




Use the candy box to solve each problem.

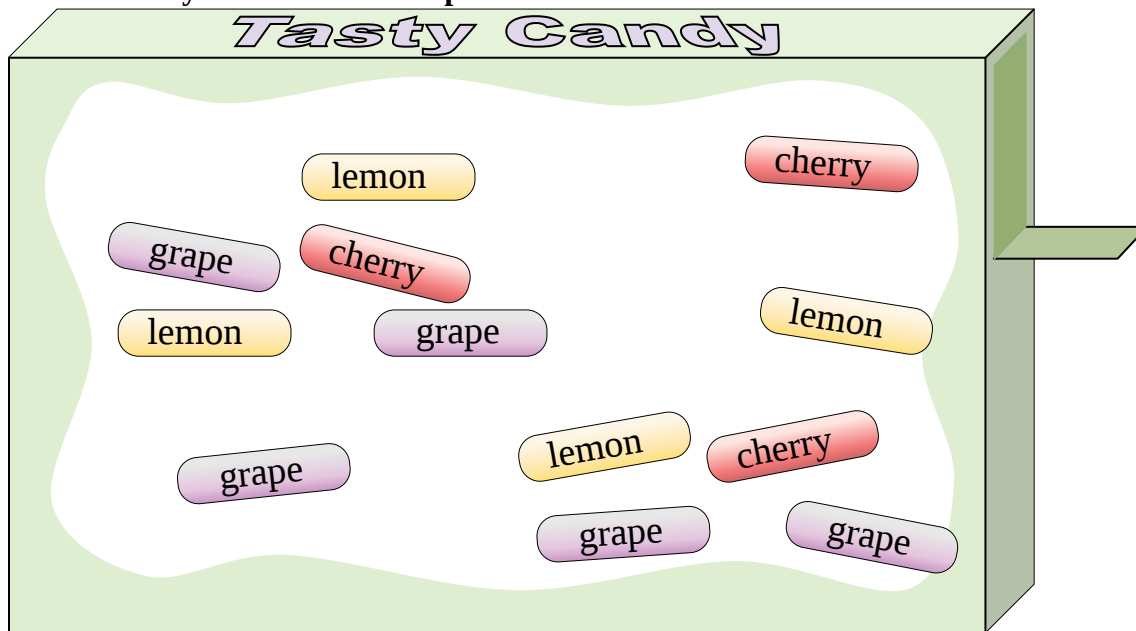
**Answers**

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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- 10) How many total pieces of candy are in the box?

**Answers**

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