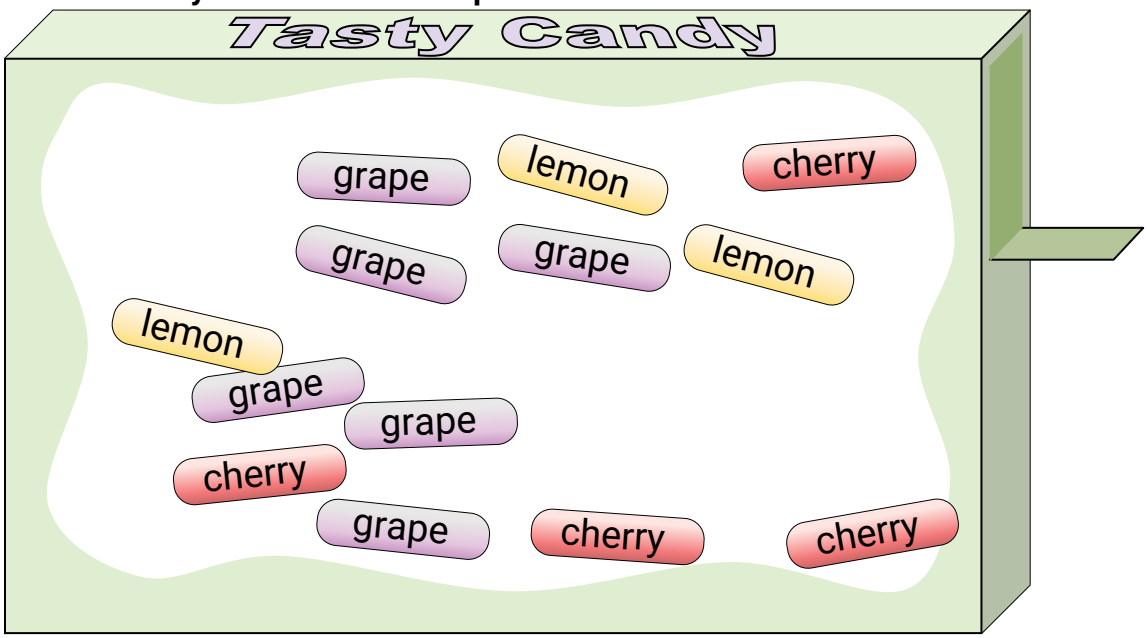
Determining Probability with Candy

Name:

Use the candy box to solve each problem.



1) If you picked a piece at random would you be more likely to select, a lemon piece or a cherry piece?

2) If you ate 2 lemon pieces, 2 cherry pieces and 6 grape pieces, which flavor would you have the highest probability of selecting next?

3) 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?

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

5) Which flavor has the lowest probability of being selected?

6) What is the probability of selecting a grape piece?

7) What is the probability of selecting a lemon piece?

8) What is the probability of selecting either a cherry piece OR a grape piece?

9) If you picked 1 piece of candy out of the box which flavor would you have the highest probability of selecting?

10) What is the probability of selecting a cherry piece?

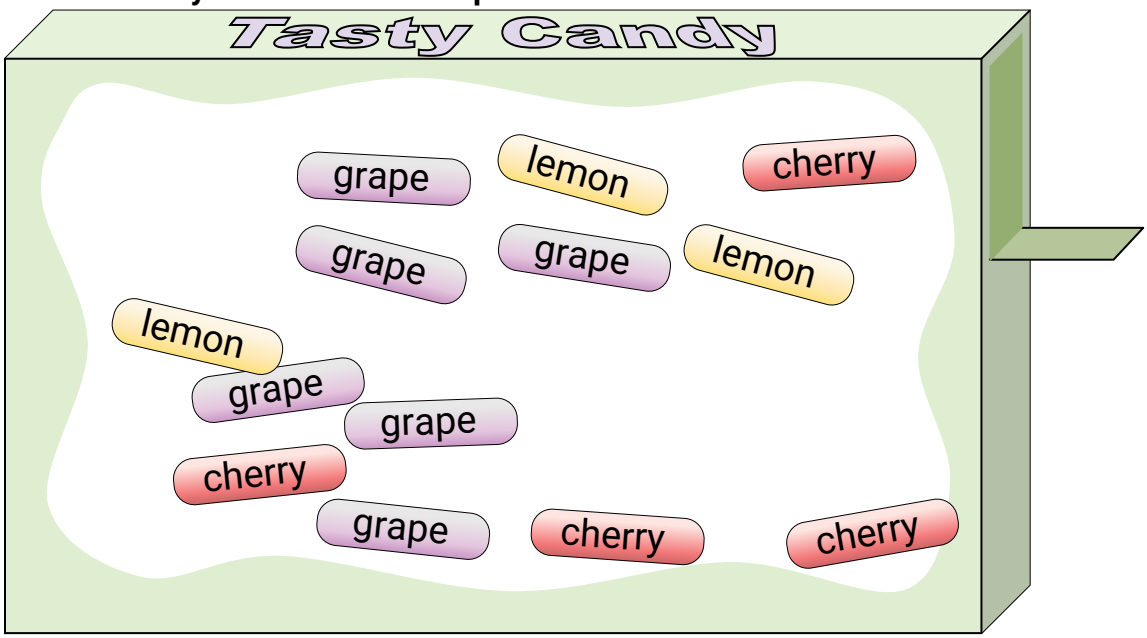
Answers

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

1-10	90	80	70	60	50	40	30	20	10	0

Determining Probability with Candy Name: **Answer Key**

Use the candy box to solve each problem.



1) If you picked a piece at random would you be more likely to select, a lemon piece or a cherry piece?

2) If you ate 2 lemon pieces, 2 cherry pieces and 6 grape pieces, which flavor would you have the highest probability of selecting next?

3) 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?

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

5) Which flavor has the lowest probability of being selected?

6) What is the probability of selecting a grape piece?

7) What is the probability of selecting a lemon piece?

8) What is the probability of selecting either a cherry piece OR a grape piece?

9) If you picked 1 piece of candy out of the box which flavor would you have the highest probability of selecting?

10) What is the probability of selecting a cherry piece?

Answers

1. cherry
2. cherry
3. grape
4. 13
5. lemon
6. 6 out of 13
7. 3 out of 13
8. 10 out of 13
9. grape
10. 4 out of 13

1-10	90	80	70	60	50	40	30	20	10	0