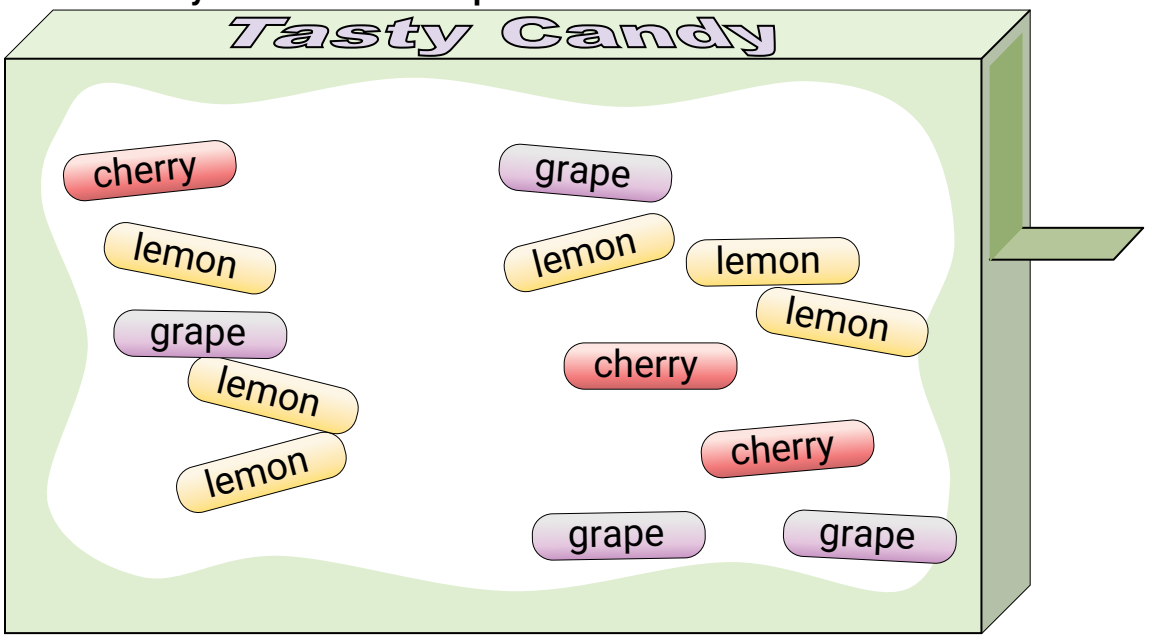
Determining Probability with Candy

Name:

Use the candy box to solve each problem.



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

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

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

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

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

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

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

8) 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?

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

10) If you ate 4 lemon pieces, 2 cherry pieces and 4 grape pieces, which flavor would you have the highest probability of selecting next?

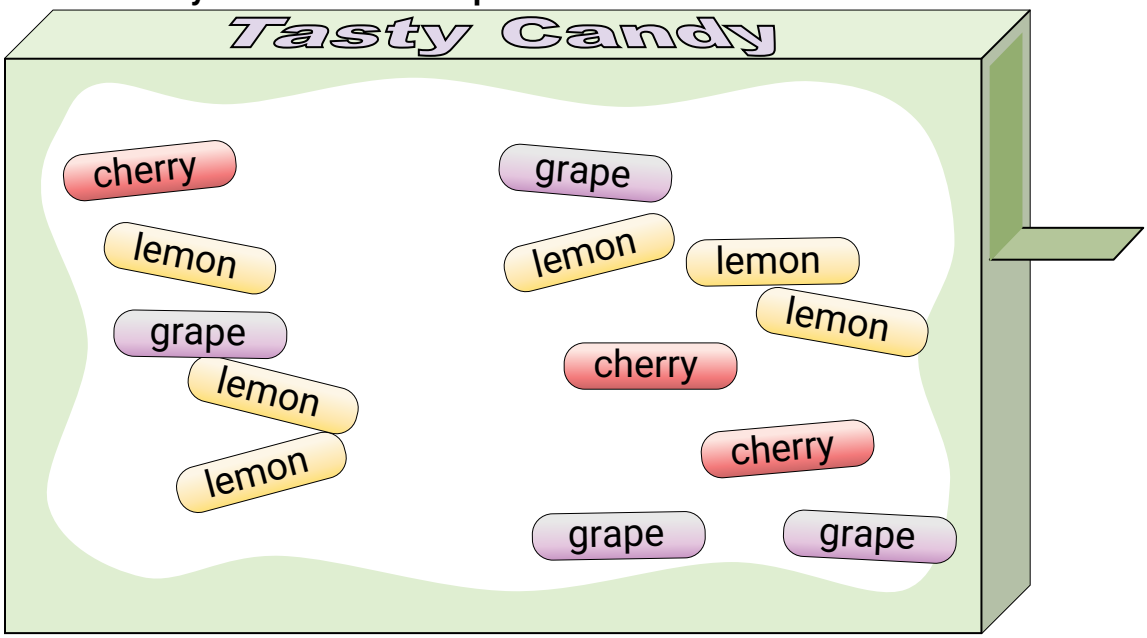
Answers

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) What is the probability of selecting a cherry piece?

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

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

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

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

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

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

8) 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?

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

10) If you ate 4 lemon pieces, 2 cherry pieces and 4 grape pieces, which flavor would you have the highest probability of selecting next?

Answers

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

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