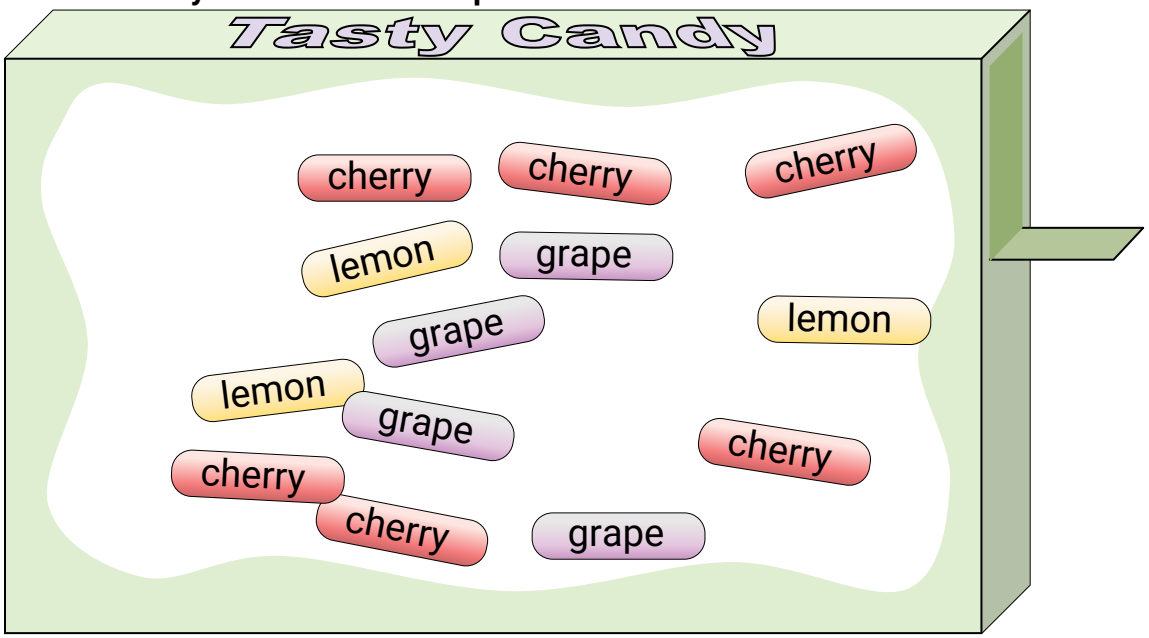
Determining Probability with Candy

Name:

Use the candy box to solve each problem.



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

2) 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?

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

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

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

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

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

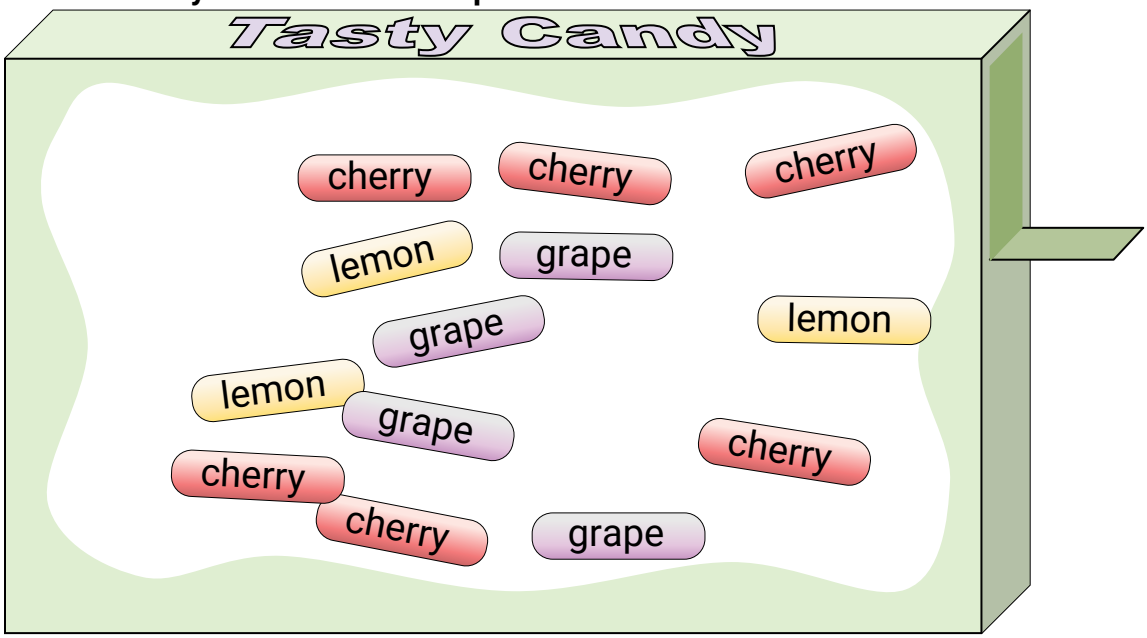
Answers

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.



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

Answers

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

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