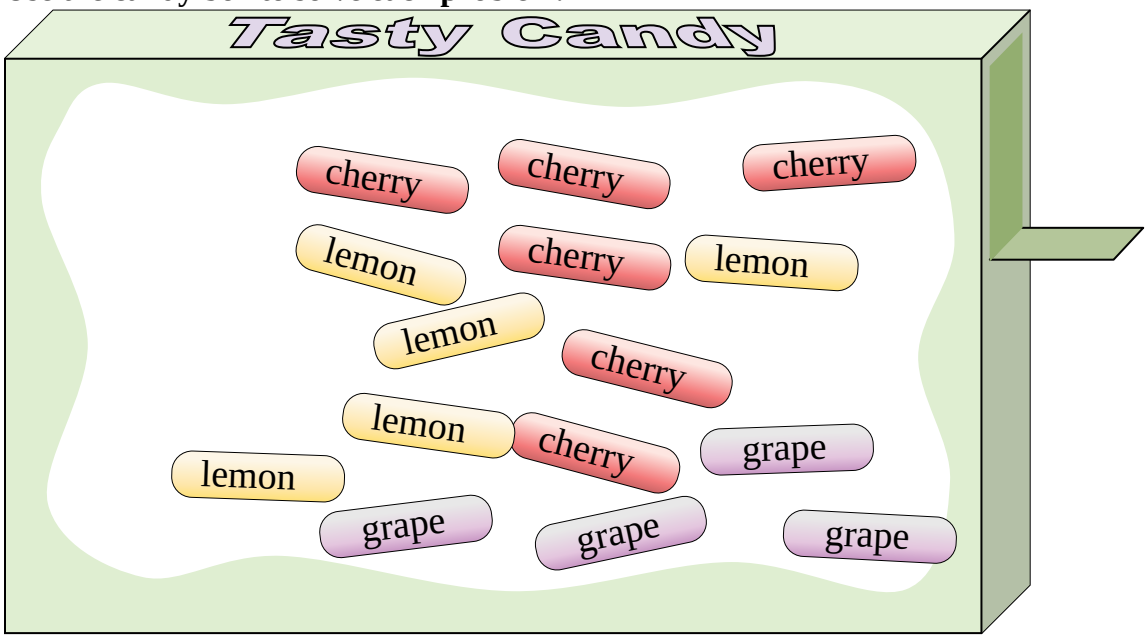
Determining Probability with Candy

Name:

Use the candy box to solve each problem.



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

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

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

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

5) 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?

6) If you ate 4 lemon pieces, 5 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

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

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

Answers

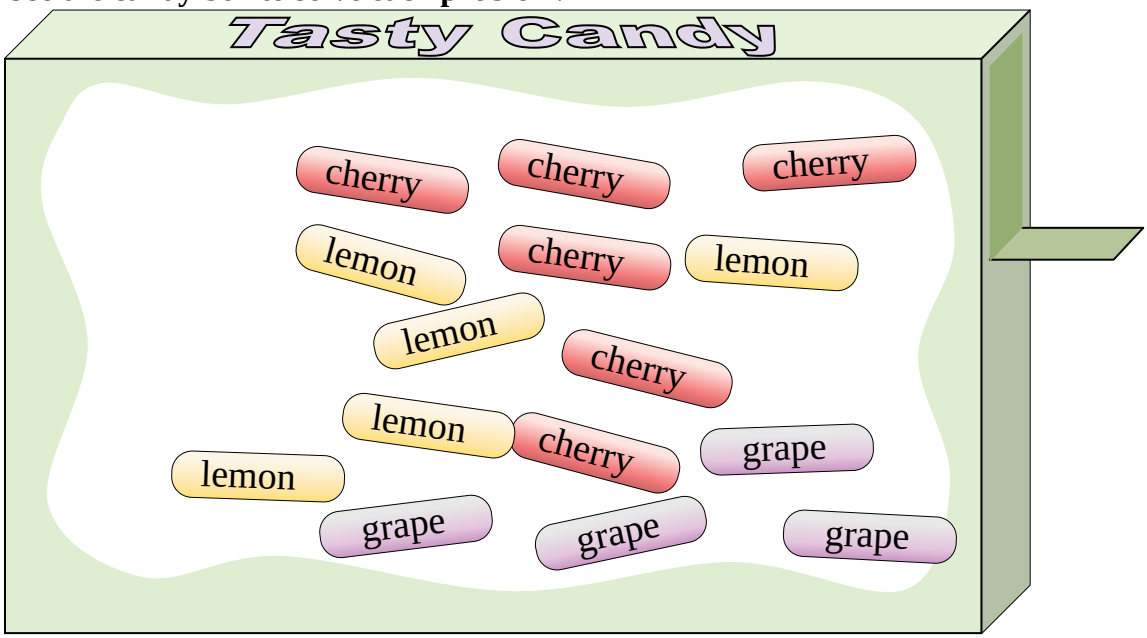
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

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

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

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

5) 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?

6) If you ate 4 lemon pieces, 5 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

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

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

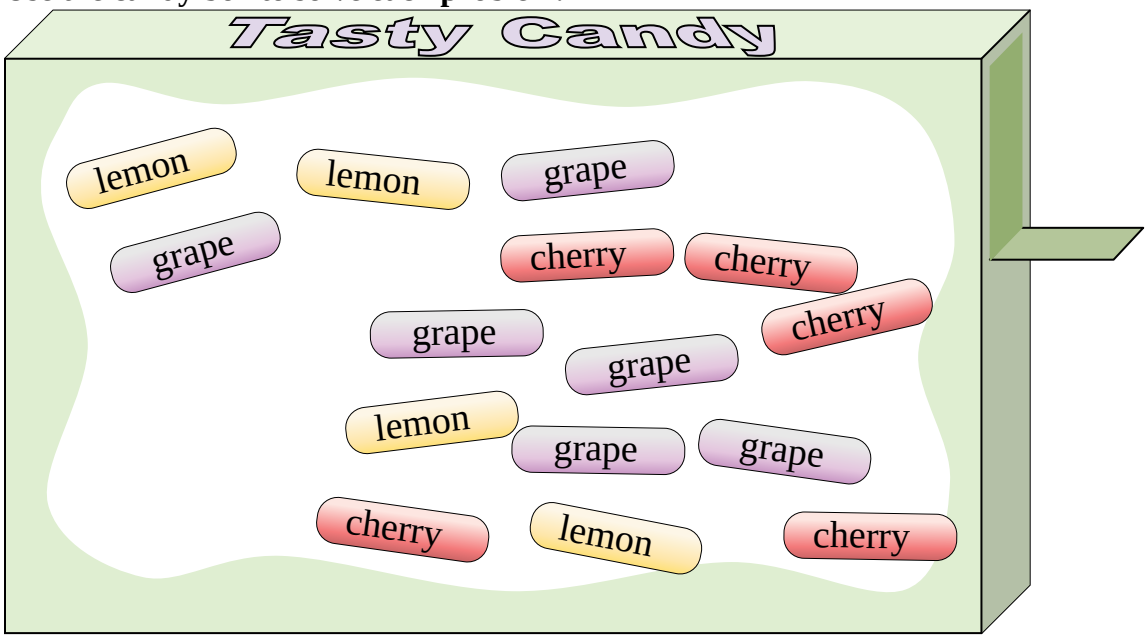
Answers

1. **cherry**
2. **4 out of 15**
3. **cherry**
4. **15**
5. **cherry**
6. **lemon**
7. **10 out of 15**
8. **5 out of 15**
9. **grape**
10. **6 out of 15**

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



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

2) If you ate 4 lemon pieces, 2 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

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

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

7) If you picked a piece at random would you be more likely to select, a lemon piece or a cherry 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) What is the probability of selecting a cherry piece?

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

Answers

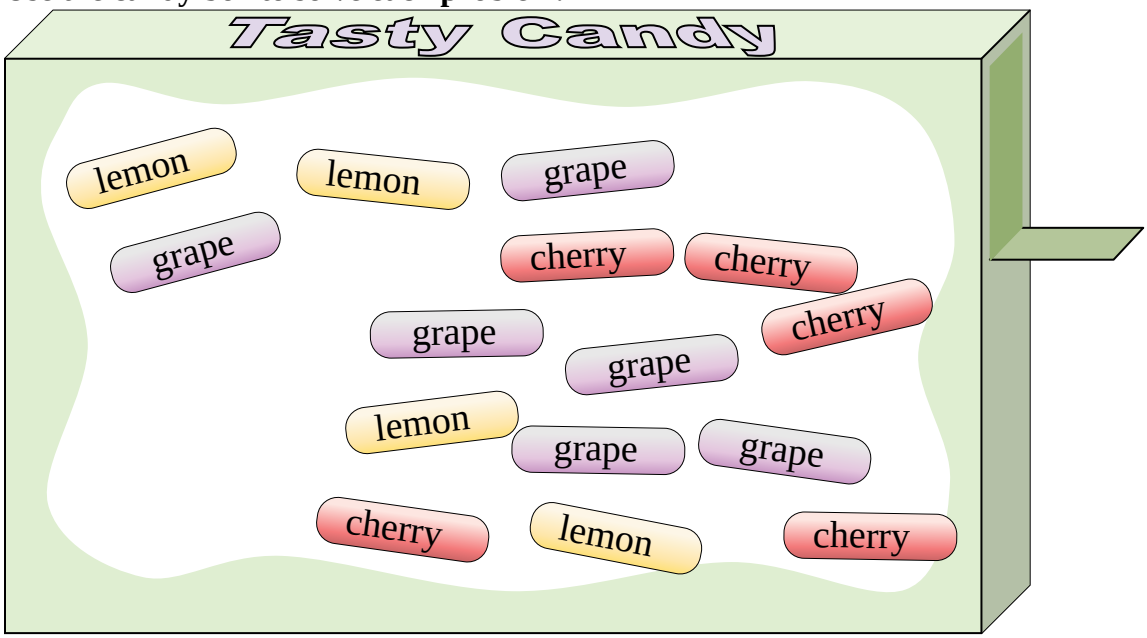
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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) What is the probability of selecting a grape piece?

2) If you ate 4 lemon pieces, 2 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

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

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

7) If you picked a piece at random would you be more likely to select, a lemon piece or a cherry 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) What is the probability of selecting a cherry piece?

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

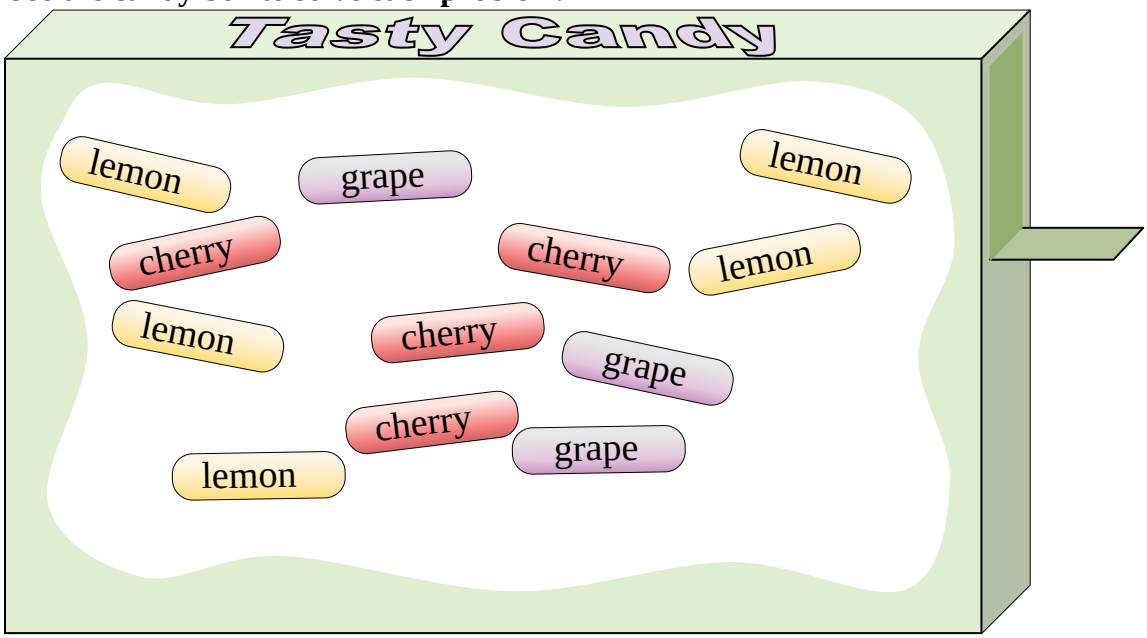
Answers

1. **6 out of 15**
2. **cherry**
3. **lemon**
4. **4 out of 15**
5. **grape**
6. **15**
7. **cherry**
8. **grape**
9. **5 out of 15**
10. **11 out of 15**

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



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

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) Which flavor has the lowest probability of being selected?

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

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

6) What is the probability of selecting 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 picked a piece at random would you be more likely to select, a lemon piece or a cherry piece?

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

10) If you ate 5 lemon pieces, 3 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

Answers

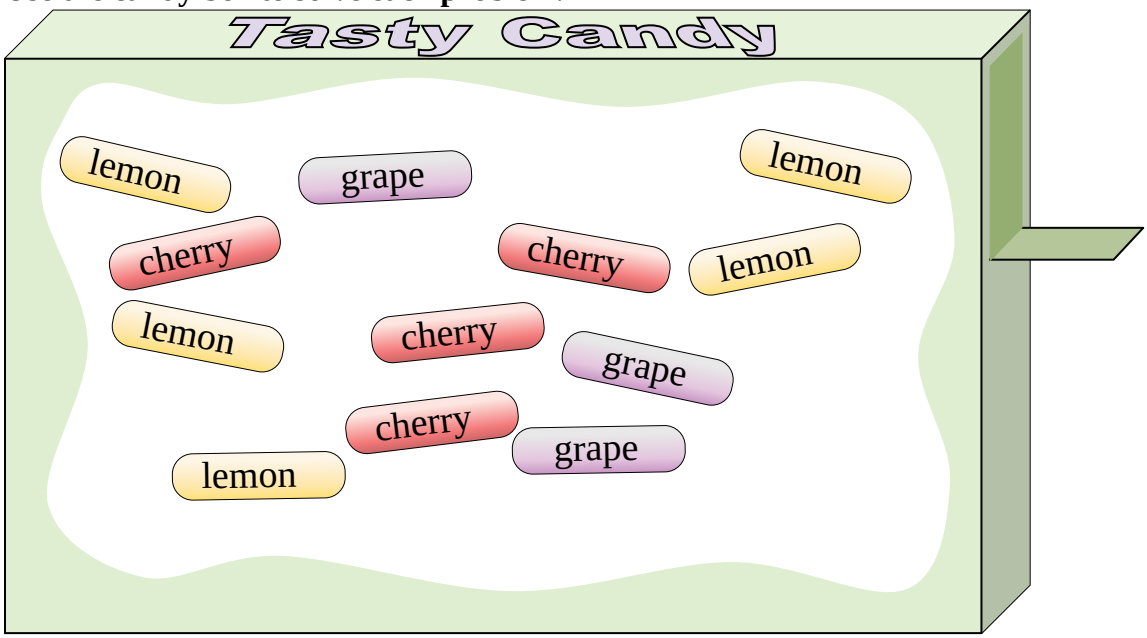
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

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

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

6) What is the probability of selecting 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 picked a piece at random would you be more likely to select, a lemon piece or a cherry piece?

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

10) If you ate 5 lemon pieces, 3 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

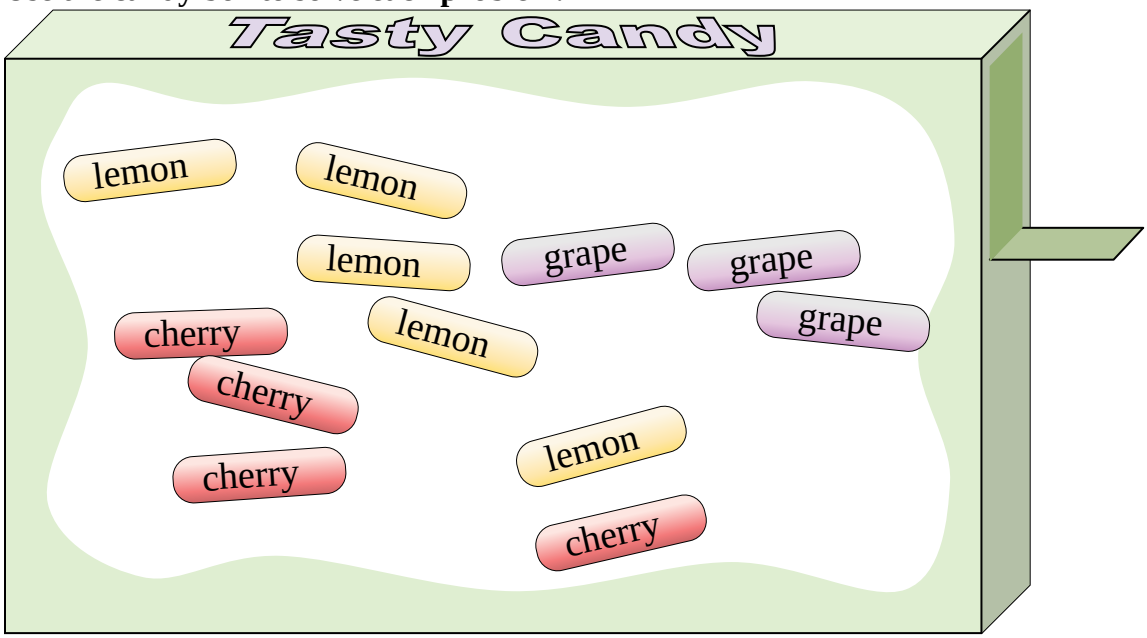
Answers

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

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

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) If you picked 1 piece of candy out of the box which flavor 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 grape piece?

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

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

7) If you ate 3 lemon pieces, 3 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

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

9) 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?

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

Answers

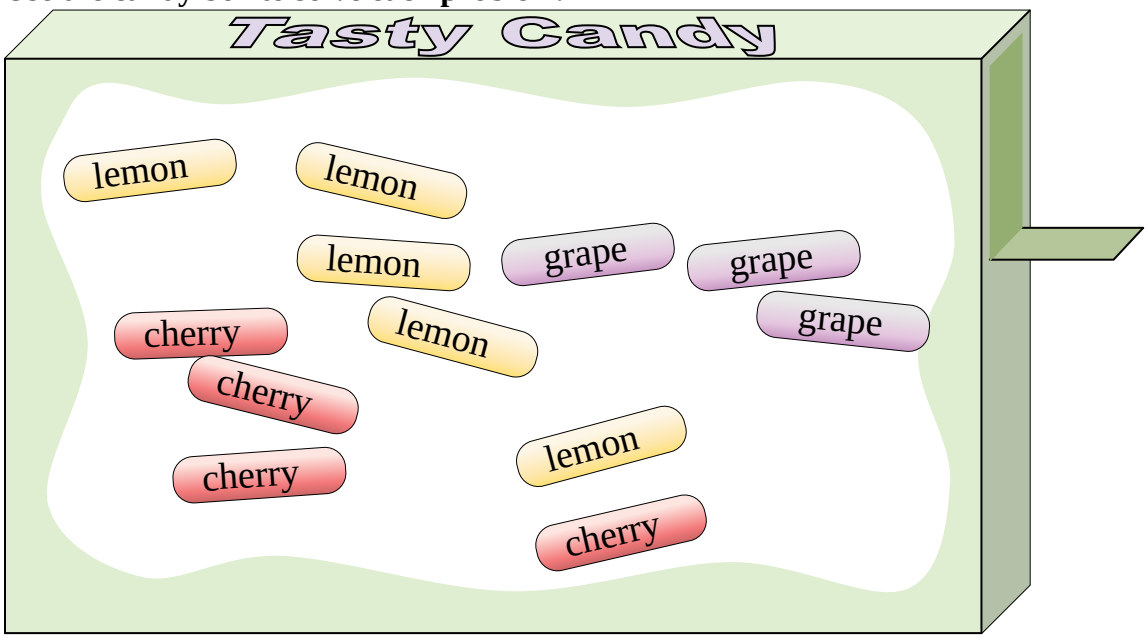
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

2) If you picked 1 piece of candy out of the box which flavor 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 grape piece?

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

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

7) If you ate 3 lemon pieces, 3 cherry pieces and 3 grape pieces, which flavor would you have the highest probability of selecting next?

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

9) 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?

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

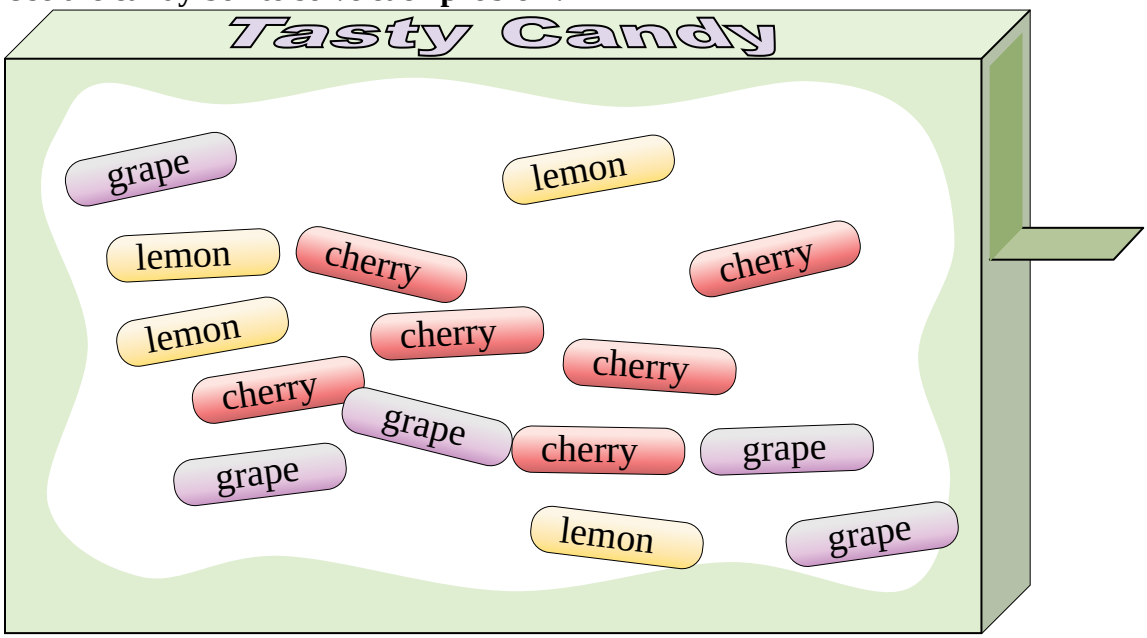
Answers

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

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

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) Which flavor has the lowest probability of being selected?

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

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) What is the probability of selecting a grape piece?

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

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

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

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

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

Answers

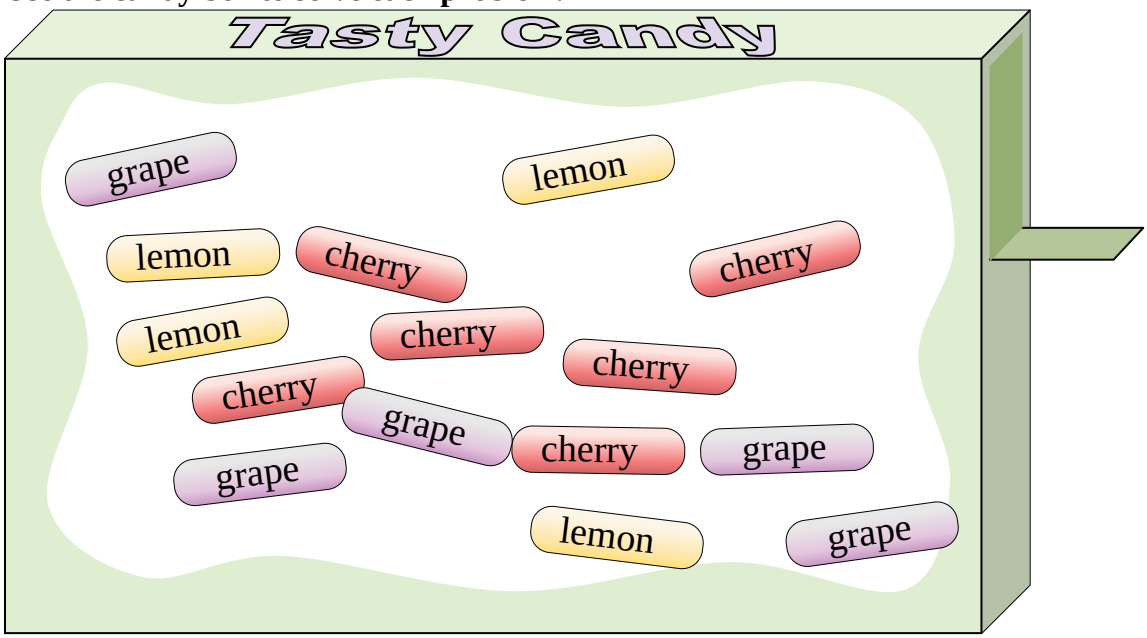
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

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

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

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) What is the probability of selecting a grape piece?

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

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

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

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

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

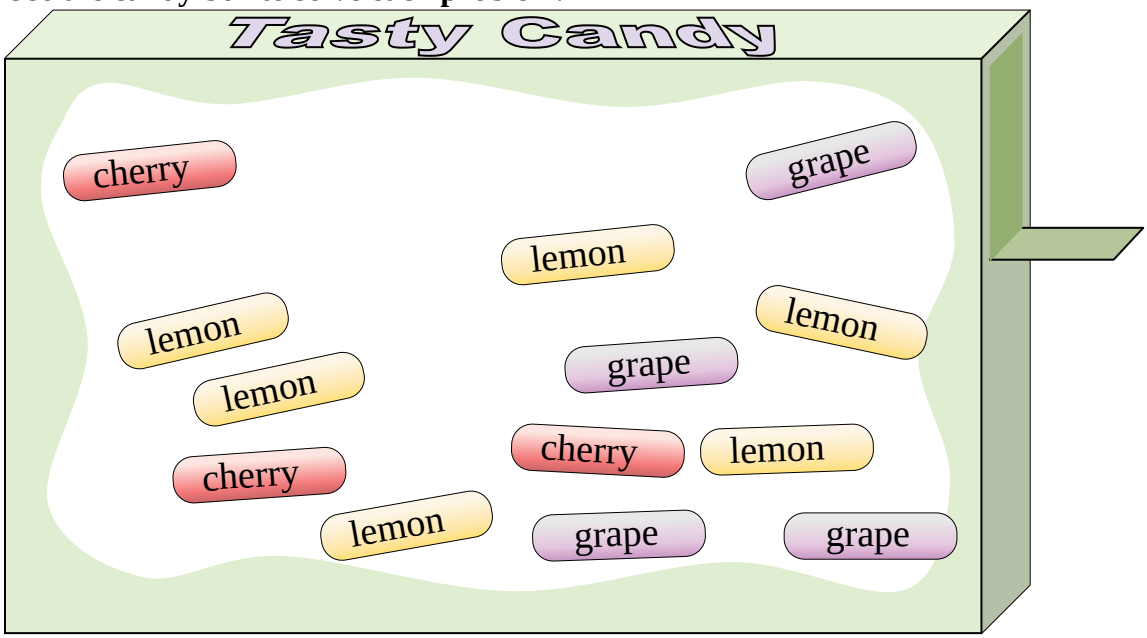
Answers

1. **15**
2. **lemon**
3. **cherry**
4. **cherry**
5. **5 out of 15**
6. **4 out of 15**
7. **6 out of 15**
8. **cherry**
9. **cherry**
10. **11 out of 15**

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



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

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 a lemon piece?

4) If you ate 5 lemon pieces, 3 cherry pieces and 4 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

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

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

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

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

Answers

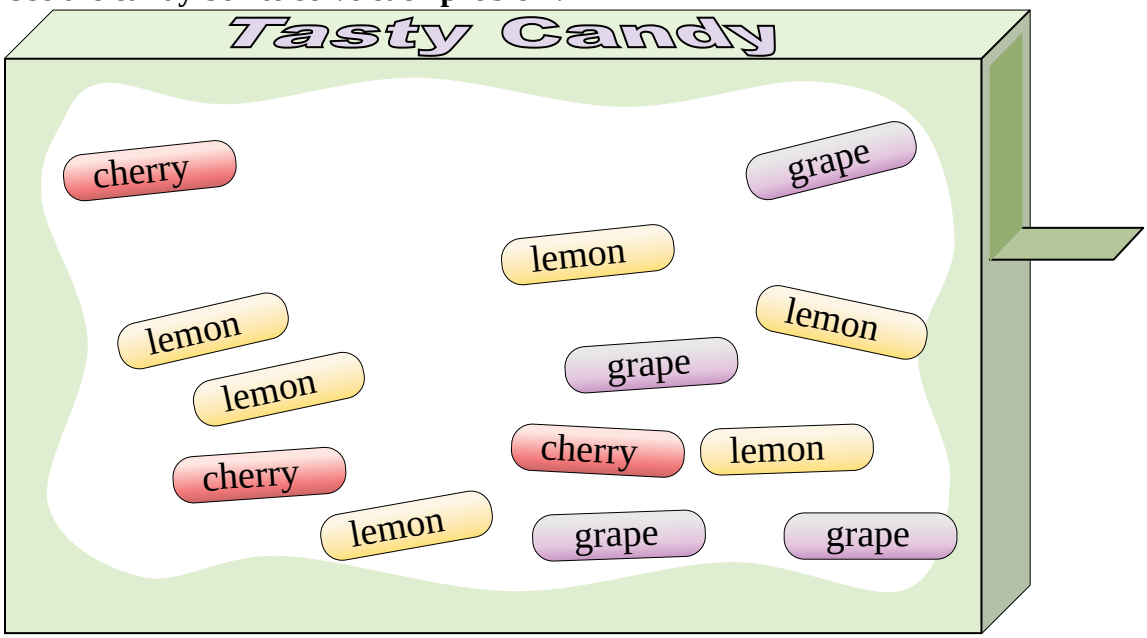
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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 either a cherry piece OR a grape piece?

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 a lemon piece?

4) If you ate 5 lemon pieces, 3 cherry pieces and 4 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

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

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

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

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

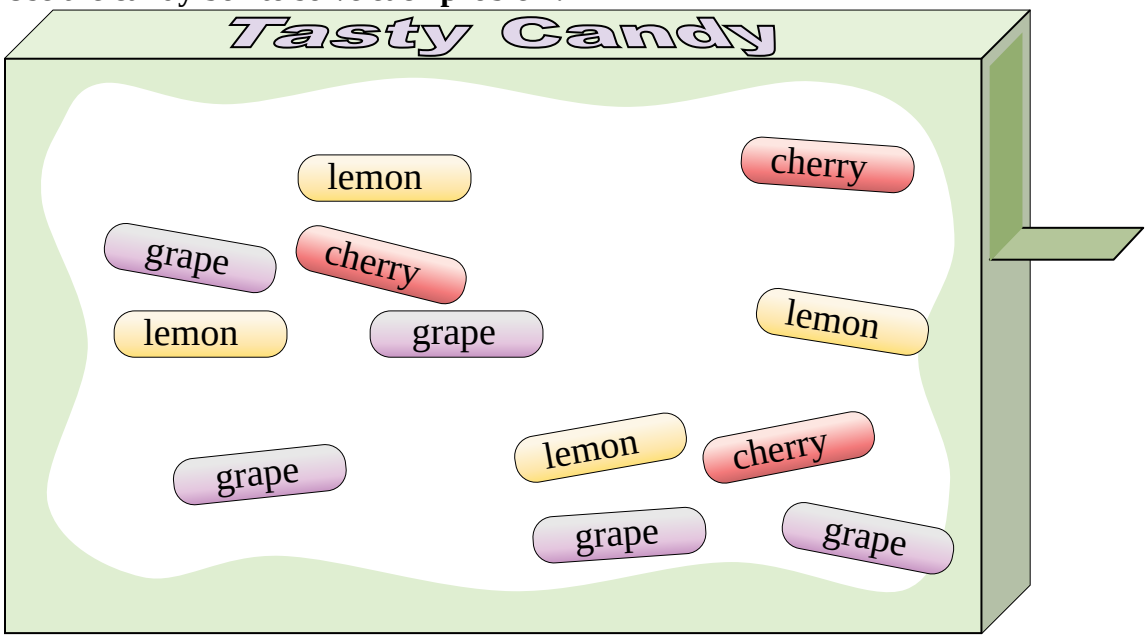
Answers

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

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



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?

Answers

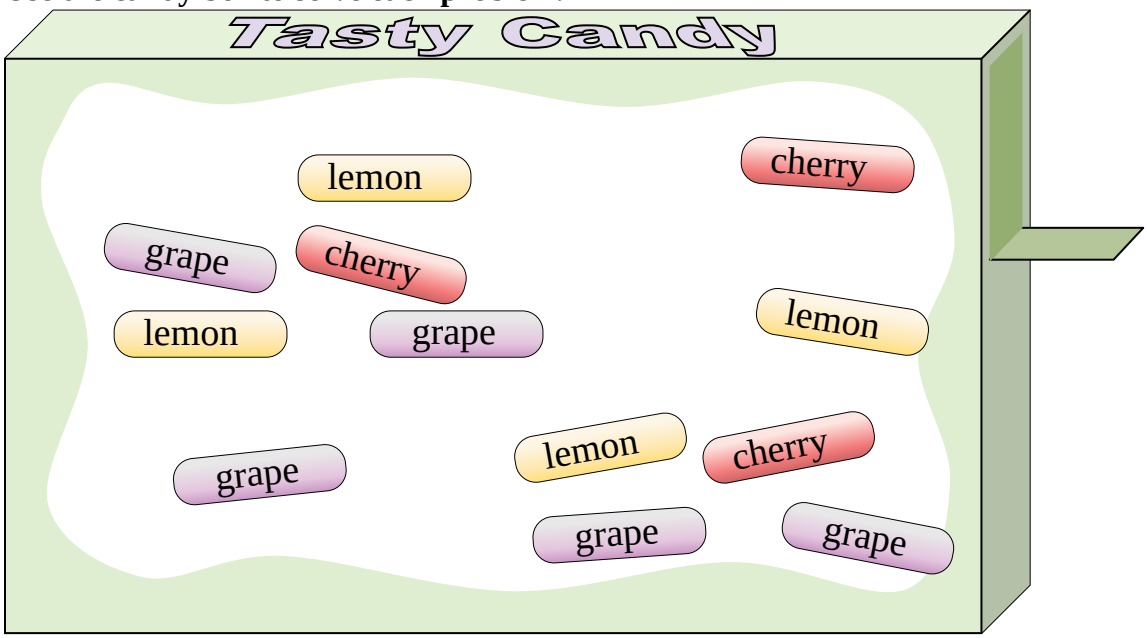
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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 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?

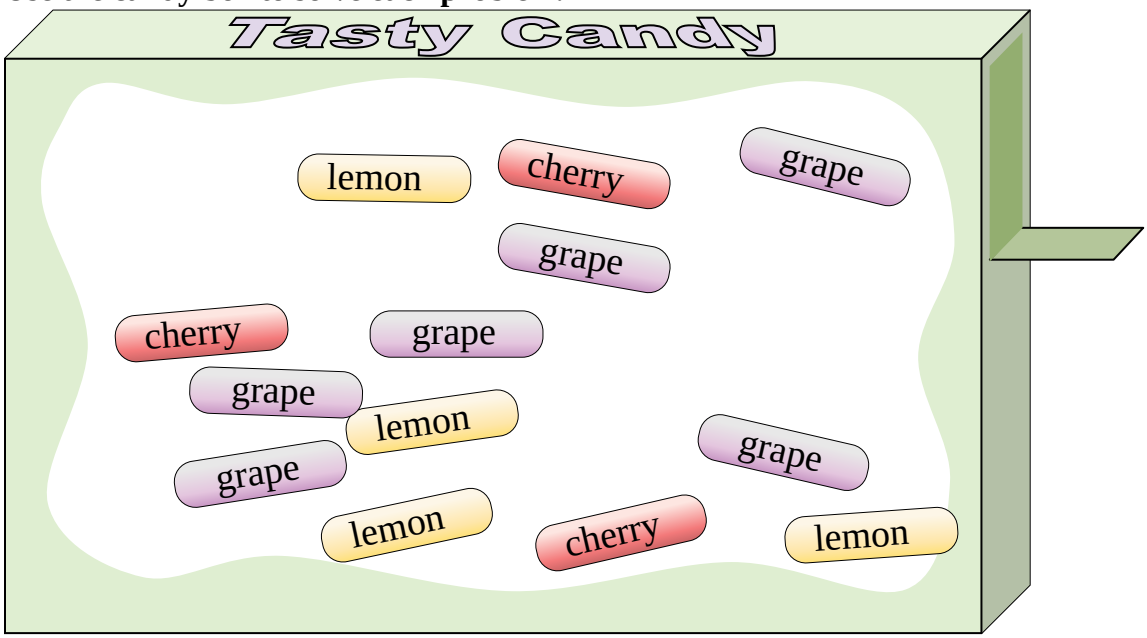
Answers

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

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



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

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

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

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

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

6) 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?

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

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

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

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

Answers

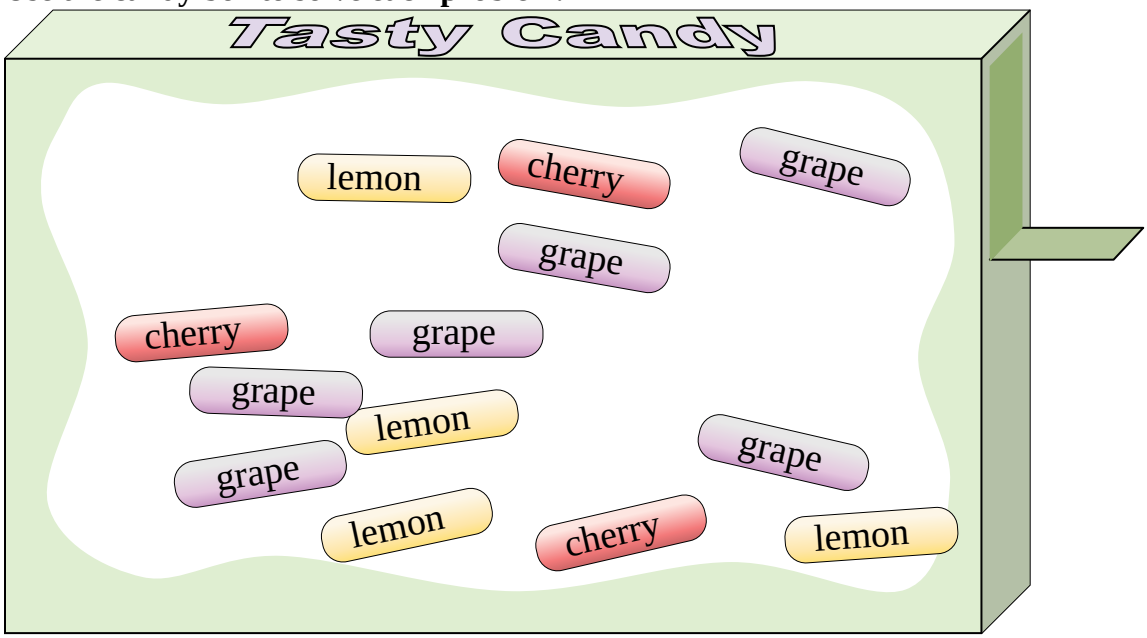
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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 either a cherry piece OR a grape piece?

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

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

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

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

6) 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?

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

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

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

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

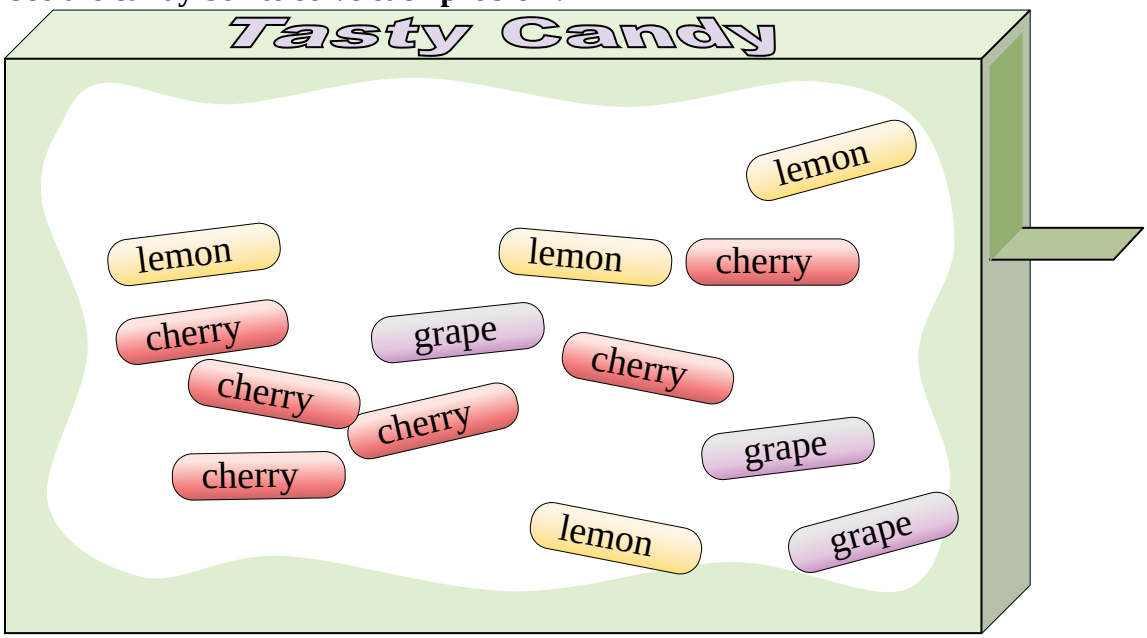
Answers

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

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



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

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

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

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

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

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

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

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

9) 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?

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

Answers

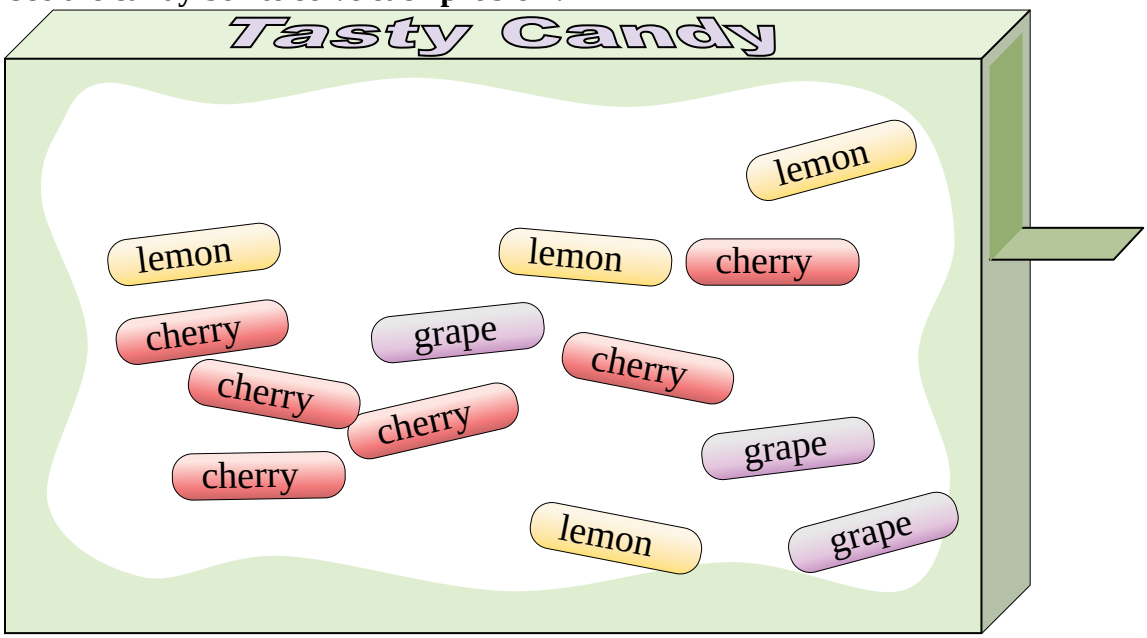
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

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

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

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

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

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

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

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

9) 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?

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

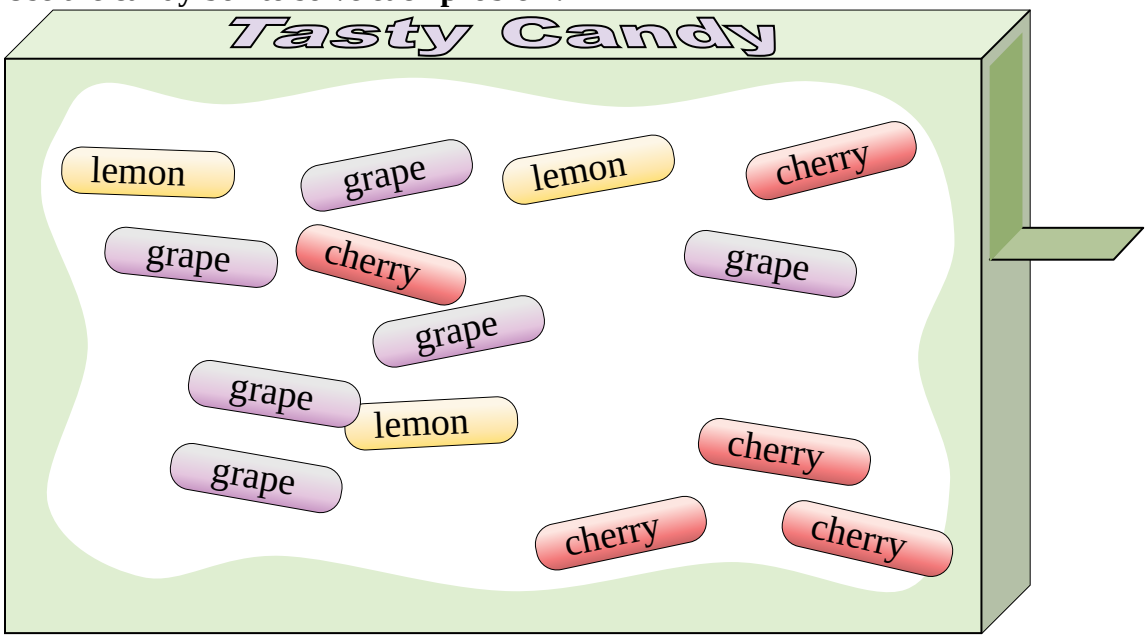
Answers

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

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

Determining Probability with Candy Name:

Use the candy box to solve each problem.



1) 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?

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

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

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

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

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

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

8) If you ate 2 lemon pieces, 5 cherry pieces and 4 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

Answers

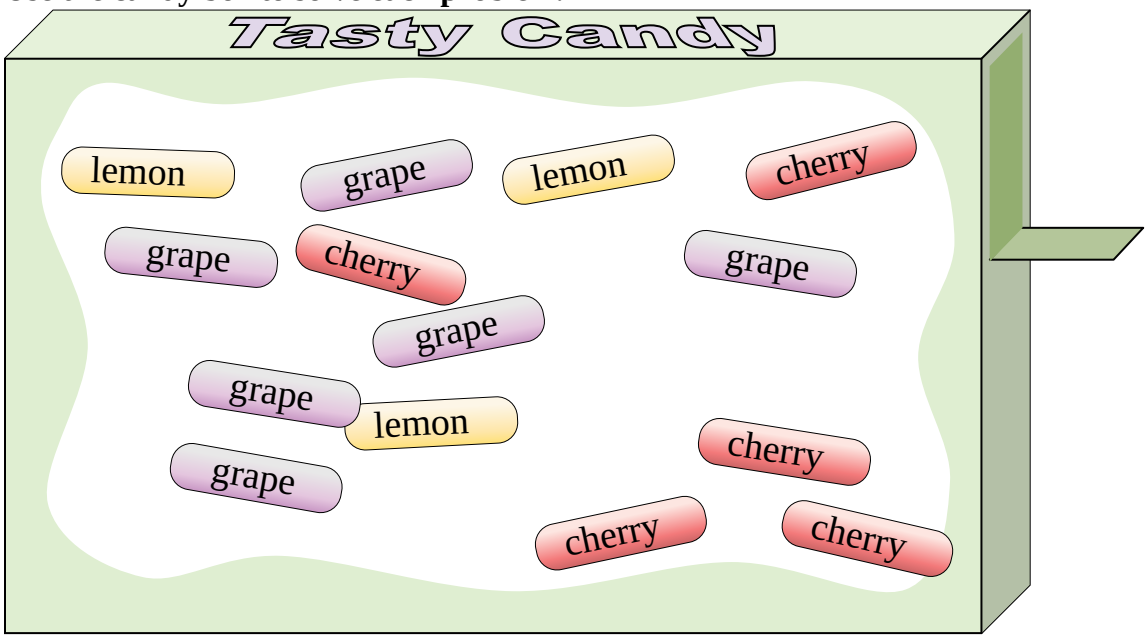
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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) 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?

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

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

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

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

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

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

8) If you ate 2 lemon pieces, 5 cherry pieces and 4 grape pieces, which flavor would you have the highest probability of selecting next?

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

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

Answers

1. **grape**
2. **grape**
3. **5 out of 14**
4. **lemon**
5. **6 out of 14**
6. **14**
7. **3 out of 14**
8. **grape**
9. **11 out of 14**
10. **cherry**

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