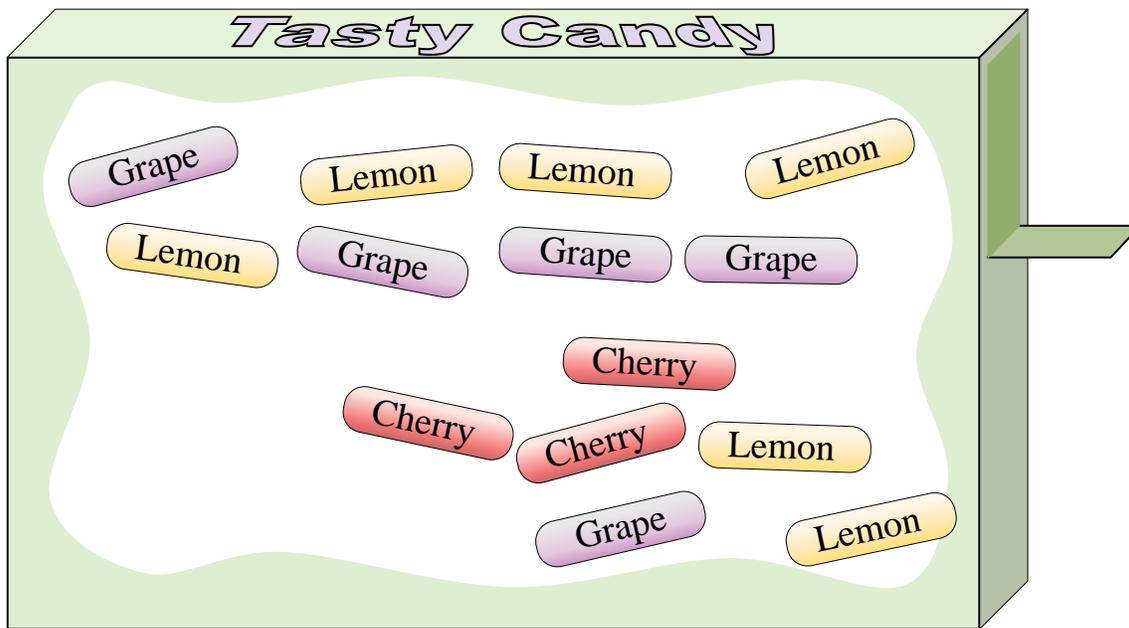




Use the candy box to solve each problem.



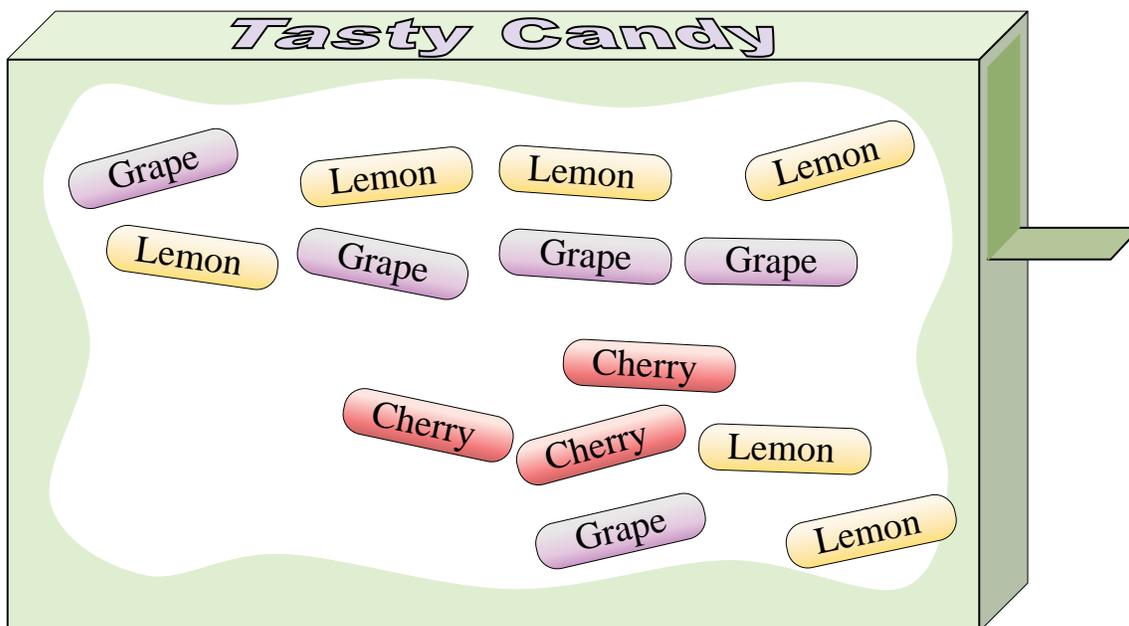
Answers

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

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



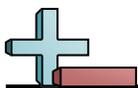
Use the candy box to solve each problem.



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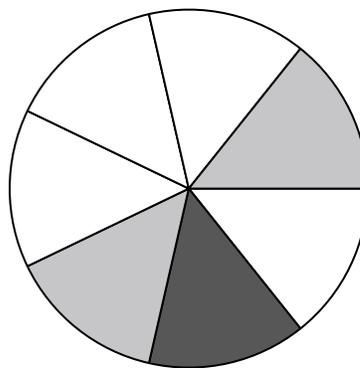
Answers

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

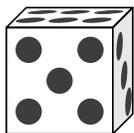


Use each diagram to solve the problems.

- 1) How many pieces are there total in the spinner?
- 2) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 3) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 4) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 5) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?



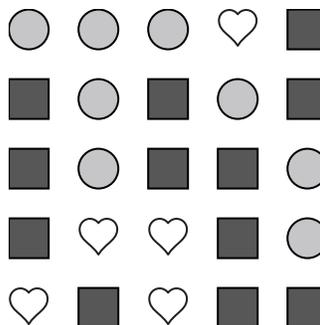
- Answers**
1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



- 6) If you were to roll the dice one time what is the probability it will land on a 3?
- 7) If you were to roll the dice one time what is the probability it will NOT land on a 2?
- 8) If you were to roll the dice one time, what is the probability of it landing on an even number?



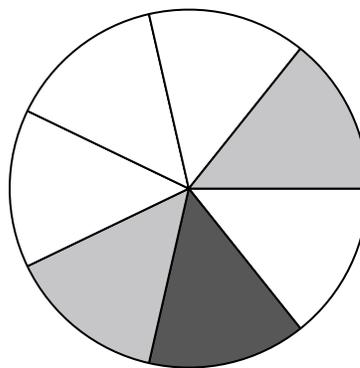
- 9) How many shapes are there total in the array?
- 10) If you were to select 1 shape at random from the array, what is the probability it will be a circle?
- 11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?
- 12) Which shape has a 32% chance (8 out of 25) of being selected?



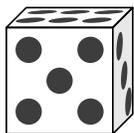


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- 5) If you spun the spinner 1 time, what is the probability of landing on either a white piece or a black piece?



- Answers
1. 7
 2. 2 out of 7
 3. 1 out of 7
 4. 4 out of 7
 5. 5 out of 7
 6. 1 out of 6
 7. 5 out of 6
 8. 3 out of 6
 9. 25
 10. 8 out of 25
 11. square
 12. circle



- 6) If you were to roll the dice one time what is the probability it will land on a 3?
- 7) If you were to roll the dice one time what is the probability it will NOT land on a 2?
- 8) If you were to roll the dice one time, what is the probability of it landing on an even number?



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