1. There is going to be a ball! Cinderella gets all of her mice together to help her make a dress. 60% of her mice are blonde and the rest are brown. If Cinderella has 50 mice, how many of them are brown?

**A. 20 B. 25 C. 35 D. 40 E. NOTA**

2. Unfortunately, Cinderella’s stepsisters tear her dress so many times that she can’t wear it. The number of times they tear the dress is equal to the 7th prime number. How many times did they tear her dress?

**A. 13 B. 15 C. 17 D. 19 E. NOTA**

3. Fairy Godmother’s spell will only last until 12:00 midnight. Which of the following numbers have a least common multiple of 12?

**A. 3 and 6 B. 2 and 6 C. 3 and 4 D. Answers B and C E. NOTA**

4. When the prince sees Cinderella, it is love at first sight. How many ways can you arrange the letters L, O, V, and E?

**A. 4 B. 10 C. 12 D. 24 E. NOTA**

5. Cinderella is always losing her shoe! Solve the following expression to determine the number times Cinderella has lost her shoe this week:

[2(4×3) – 5×4]×3-2

**A. 4 B. 10 C. 76 D. 226 E. NOTA**

6. The prince wants to find Cinderella, but he has no idea where to look, so he visits every home in the kingdom. He can visit 4 homes in 1.5 hours. How many hours will it take for him to visit 20 homes?

**A. 5 B. 6 C. 7.5 D. 8.5 E. NOTA**

7. The prince arrives at Cinderella’s house, but her stepmother distracts him with pie. The prince eats 5.2 slices of pie. Express 5.2 as an improper fraction in simplest form.

**A.  B.  C.  D.  E. NOTA**

8. The heel on Cinderella’s glass slipper is a rectangular prism with the dimensions

7 cm × 4 cm × 3 cm. What is the volume of her heel (in centimeters cubed)?

**A. 28 B. 36 C. 84 D. 196 E. NOTA**

9. Cinderella feels like she has 50 things she has to do before her and the prince’s wedding. Find the sum: 1+2+3+…+48+49+50

**A. 153 B. 1225 C. 1250 D. 1300 E. NOTA**

10. There are 3 bridesmaids and 4 groomsmen at the wedding. Which of the following numbers is divisible by 3 and 4?

**A. 127584 B. 334736 C. 495183 D. 523924 E. NOTA**

11. If you randomly pick a letter from “POISONED APPLE”, what is the probability that it will be a consonant?

1. ** B.  C.  D.  E. NOTA**

12. Snow White needs a couple extra hands to help her with her chores! Sadly, not all of the dwarves are at home. If there are normally seven dwarves but three have gone hunting, two have gone mining, one is at a friend’s house, and the rest are at home and willing to help, how many dwarves are available to help Snow White with her chores?

**A. 1 B. 2 C. 3 D. 4 E. NOTA**

13. The dwarves know that they can’t fall behind in archery, so they all take classes every week. If there are seven dwarves and they each take one fifteen minute lesson per week, how many hours total will all the dwarves spend at archery lessons in one week?

**A. 1 B. 1.75 C. 2 D. 2.5 E. NOTA**

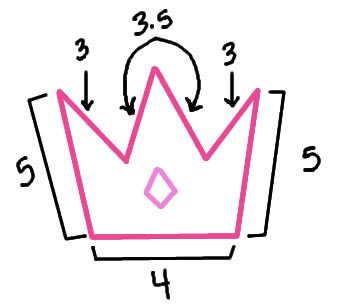
14. Woohoo! Snow White baked a cake for the dwarves! If Grumpy eats half of the cake, Sleepy eats half of the remaining cake, then Happy eats one third of the remaining cake, what fraction of the cake is left for the other dwarves?

**A.  B.  C.  D.  E. NOTA**

15. Who is the fairest of them all? If Snow White is fives times as fair as her adopted sister, Sarah, and Sarah is thirteen times as fair as the Evil Queen, how many times as fair as the Evil Queen is Snow White?

**A. 18 B. 55 C. 60 D. 65 E. NOTA**

16. What is the perimeter of Snow White’s crown? Assume all numbers are in inches.



1. **24 in. B. 25 in. C. 26 in. D. 27 in. E. NOTA**

17. If it took $300 worth of rose diamond to make 1/4th of Snow White’s crown, how many dollars worth of rose diamond was needed to make the remaining part?

1. **$300 B. $600 C. $900 D. $1200 E. NOTA**

18. Of the people at Snow White’s coronation, 74% of them were children. What fraction (in lowest terms) of people at her coronation were children?

**A.  B.  C.  D.  E. NOTA**

19. Even though she’s a princess, Snow White still has to go to school. Here’s a particular homework problem that’s stumped her: 23 + 57 + 12 + 28 x 0 = ?. What does the equation equal?

1. **0 B. 1 C. 92 D. 120 E. NOTA**

20. The king says that if Snow White can tell him the famous mathematician that the following series is named after, he’ll buy her a new dress! Who is it?

1, 1, 2, 3, 5, 8, 13…

1. **Euler B. Fibonacci C. Gauss D. Fermat E. NOTA**

21. Belle loves the Beast, but if there’s one thing she can’t stand it’s how much hair he sheds! If the Beast sheds two pounds of hair every weekday, and three pounds every day of the weekend, then how many pounds of hair does the Beast shed in two weeks (14 consecutive days), starting on Monday?

**A. 25 B. 26 C. 28 D. 32 E. NOTA**

22. Belle is known for her impeccable ability to match her outfits. If she has twelve shirts, five pairs of pants, and nine pairs of shoes, how many outfits can she make? Each outfit must consist of one shirt, a pair of pants, and a pair of shoes.

**A. 26 B. 520 C. 540 D. 600 E. NOTA**

23. He loves me, he loves me not. Belle is trying to figure out whether or not the Beast and her love is true by pulling the petals off of a daisy. She alternates saying “he loves me” and “he loves me not” each time she pulls off a petal. If there are thirty four petals and she says “he loves me not” when pulling off the first petal, what will she say when pulling off petal number thirty four?

**A. “He loves me.” B. “He loves me not.” C. Don’t pick this.**

**D. Cannot be determined. E. NOTA**

24. Belle and the Beast have recently adopted a new puppy, Foley! They want Foley to be able to run and play outside, but they’re worried he might get lost so they’ve decided to build a pen to keep him safe. Belle went out and bought 50 yards of fencing to build Foley a pen. If she wants to enclose the greatest possible area for Foley to play in what shape should she make the pen?

**A. Circle B. Rectangle C. Square D. Triangle E. NOTA**

25. “The chance that you’ll be able to undo my curse is 3%,” the evil witch cackled to the Beast. What are the odds that he can undo the curse?

**A. 3:100 B. 3:99 C. 3:98 D. 3:97 E. NOTA**

26. If the Beast does not find true love, his curse will last for 2350000000 days. Write 2350000000 in scientific notation.

**A. 2.35 x 10-9 B. 2.35 x 109 C. 23.5 x 108**

**D. 235 x 107 E. NOTA**

27. Belle has 24 roses. She gives half of them to the Beast. Then she gives  of the leftover roses to her father. She gives the remaining roses to her suitor Gaston (just to be nice). How many roses does Gaston get?

**A. 3 B. 9 C. 12 D. 24 E. NOTA**

28. The Beast is a lot taller than Belle. He is 6 feet and 2 inches tall, while Belle is only 5 feet and 4 inches tall. How much taller is the Beast than Belle in inches?

**A.  B. 10 C. 12 D. 74 E. NOTA**

29.The Beast decides to propose to Belle! He uses books from the library to write out “WILL YOU MARRY ME?” in capital letters. Out of the letters he creates with the books, which one remains the same when reflected over both a vertical and horizontal axis?

**A. W B. Y C. M D. R E. NOTA**

30. Belle says yes (of course). She decides to invite her friends Cinderella and Snow White to the wedding. Cinderella has to travel 255 miles to get to there and it takes her 15 hours. Snow White has to travel 234 miles and it takes her 13 hours. Which Princess’s carriage was traveling at a faster speed?

**A. Cinderella B. Snow White C. They were traveling at the same speed.**

**D. Cannot be determined. E. NOTA**