1. What is $2 + 0 + 1 + 9$?

2. What is the difference in the number of sides a pentagon and a triangle have?

3. The current year, 2019, is the 2nd annual SBMT. In which year will the 6th annual SBMT be hosted?

4. On Monday, Abhinav wakes up at 8 AM. However, on each of the following days he wakes up 20 minutes later than he did the day before. What time does he wake up on the following Sunday?

5. Leslie has 9 shells. Ricardo has 4 shells. They both give their teacher 3 shells. How many shells do Leslie and Richardo have in total now?

6. Stephanie has 4 video games. Her brother has 10 video games. How many video games does Stephanie's brother have to give Stephanie so they have the same number of video games?

7. Jonah has 3 more books than Amira. Arthur has 15 more books than Amira. How many more books does Arthur have than Jonah?

8. Sean and his friends love pizza. They buy 4 slices of pizza every day for 9 days. How many slices of pizza do they buy in total?

9. A computer costs $1000 and a phone costs $500. Kelsey buys $5000 dollars worth of phones and computers. How many computers does she buy if she buys 2 phones?

10. Richard finds 24 apples and decides to be greedy. He keeps one for himself, then gives one to one of his 3 friends, keeps one for himself, gives one to one of his friends, and so on. How many apples will Richard end up with?

11. Bob eats 10 apples on day 1, 9 apples on day 2, 8 apples on day 3, and continues the pattern. How many apples in total has he eaten by the end of day 7?

12. What is the one's digit (the last or rightmost digit) of $993234234323 + 234340 + 2323434243$?

13. Annie wants to create a 9-inch by 9-inch sheet of paper by taping together 3-inch by 3-inch sheets of paper. What is the minimum number of sheets of 3-inch by 3-inch paper she needs?

14. Next year, you must choose from 2 math classes: number theory or algebra. You also have to choose from the 4 languages Chinese, French, Spanish, or German. How many different ways can you select a math and language course?

15. What is the area in square feet of a rectangular dining table with a length of 5 yards and a width of 60 inches?

16. How many 2 digit numbers do not have 3 as a digit?

17. 25% of a class is 20 years old, $\frac{1}{3}$ of the people in the class are 21 years old, and the rest of the people in the class are 22 years old. Given that there is the least number of possible 22-year-olds in the class that meet these conditions, how many 22-year-olds are there?

18. Parth goes to the donut store, which has 4 flavors of donuts: strawberry, vanilla, chocolate, and glazed. The store has two donuts of each flavor. Parth wants to buy 4 donuts in total, but two of them have to be strawberry. In how many different ways can he buy 4 donuts (order does not matter)?

19. A lily is in a pond, and each day the lily grows. More specifically, the area that the lily takes up in the pond doubles after every day. If it takes 32 days for the lily path to cover the entire lake, how many days would it take for it to cover half of the lake?

20. A circle with an area of 5 and a square with an area of 7 overlap with a certain area. If the area of the circle outside the overlapping area is 3, then what is the area of the square outside the overlapping area?

21. 30% of 90 is equivalent to 54% of what number?

22. 8 moles dig 4 holes in 2 minutes. How many moles will it take to dig 6 holes in 4 minutes?

23. Sophie's square has area 14 and Jackson's square has area 80. If the side length of Sophie's square is increased by 10%, by what percentage should Jackson's square's side length increase such that the two squares have the same percentage increase in area?

24. What is the next number in the pattern: $1, 3, 5, 11, 21, 43, 85, ...$

25. On a particular day, denote a happiness index h that is determined by the day of the week it is. That is, Monday -> $h = 1$, Tuesday -> $h = 2$... Sunday -> $h = 7$. In the month of February on a non-leap-year, what is the maximum sum of happiness indexes?