

11. Of the following, which is the smallest fraction?

- A. $\frac{1}{4}$ B. $\frac{1}{8}$ C. $\frac{1}{3}$ D. $\frac{1}{2}$

12. It is now 3 pm. What will be time in 100 hours?

- A. 3.00 pm B. 7.00 pm C. 8.00 pm D. 11.00 pm

13. Anna takes 70 paces to walk 50m. The number of paces she takes to walk 2 km is

- A. 280 B. 2800 C. 3000 D. 3500

14. Jacky started a mobile phone call at 11.56am. The charge for the call was 35c per minute and the total cost for the call was \$3.15. Jacky's call ended at

- A. 12.04 pm B. 12.05 pm C. 12.09 pm D. 12.11 pm

15. By which number must $\frac{1}{2}$ be divided to obtain 3 as the result?

- A. 6 B. $\frac{1}{6}$ C. $\frac{1}{5}$ D. $\frac{3}{2}$

16. When I opened my story book, the sum of the two pages facing me was 317. What was the number of the next page?

- A. 160 B. 158 C. 159 D. 157

17. The extra time, in minutes, that would take to cover a distance of 100 km at 50 km/h instead of 60 km/h would be

- A. 20 B. 12 C. 10 D. 8

18. The greatest number of Mondays which can occur in a 45 day period is

- A. 7 B. 6 C. 5 D. 4

19. A cube of edge length 3 units is painted. It is then cut into 27 one-unit cubes. How many faces of the one-unit cubes are not painted?

- A. 108 B. 110 C. 150 D. 162

20. If a 8-inch diameter circular pizza serves two students, how many students should two 12-inch diameter circular pizzas serve?

- A. 9 B. 8 C. 7 D. 6

21. In the magic square shown, each of the rows, columns and diagonals adds to 36.
What is the sum of the corner numbers?

A. 60 B. 50 C. 49 D. 48

	12	
	16	

22. Kara needed to multiply a number by 100. Instead, she divided by 100 and got 25. What should the answer have been?

A 250 B 2500 C 25 000 D 250 000

23. A truckload of nails contains 60 cartons. Each carton contains 60 boxes and each box contains 100 nails. The number of nails in the truckload is

A. 60 000 B. 200 000 C. 300 000 D. 360 000

24. If it takes Raj 4 minutes to cut a board into 3 pieces, how long would it take him to cut the same type board into 10 pieces?

A. 40 minutes B. 30 minutes C. 20 minutes D. 18 minutes

25. Ron went shopping to buy kitchen towels. Which of the following gave the best value?

A. 4 for \$4.60 B. 1 for \$1.35 C. 2 for \$2.40 D. 10 for \$11

26. When Ashika fenced her square garden, she needed 20 posts for each side. How many posts did she use?

A. 80 B. 78 C. 76 D. 75

27. $\frac{1}{4}$ of the children in Year 7A class are girls. If there are 24 boys, how many children are there in total in Year 7A?

A. 6 B. 30 C. 32 D. 34

28. What is the value of $412 \div 4$?

A. 13 B. 43 C. 103 D. 112

29. In a canteen you can choose from 2 different types of sandwich and 6 different kinds of fruit. A meal is a sandwich and a piece of fruit. How many different meals can you have?

A. 6 B. 8 C. 12 D. 13

30. The sum of all prime numbers between 10 and 20 is

A. 25 B. 41 C. 60 D. 70