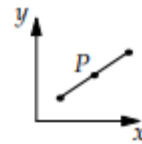


8. Nasreen draws a straight line from (2, 2) to (8, 6) on a graph. Point P is exactly halfway along the line.



What are the coordinates of point P ?

- A (4, 5) B (5, 4) C (4, 4) D (4, 6) E (6, 6)

9. Betty Bott's beans each weigh 2.5 grams.

How many beans will Betty have in half a kilogram?

- A 25 B 40 C 50 D 100 E 200

10. Ms Plummet has organised rock climbing for her class at a total cost of £415. She charges each child £12.50 and 30 children pay to go.



What is the difference between the cost and the money she collects from the children?

- A £12.50 B £25 C £40
D £53.50 E There is no difference

11. When Patience asked her Granddad how old he was, he answered, "I am 34 now and will be 33 on my birthday." She looked confused so he added, "After being 50 for a year I started counting backwards on each birthday."

How old will he actually be on his birthday?

- A 33 B 34 C 56 D 67 E 83

12. An octagonal piece of paper is folded in half twice as shown, and a hole is punched through the resulting folded shape.



Which of the following does the piece of paper look like when it is unfolded?

- A B C D E

13. I am twice the age of each of my sons, Barry and Larry. Our three ages have a total of 76.

How old is Barry?

- A $9\frac{1}{2}$ B 18 C 19 D 36 E 38

14. My cat snoozes for 50 minutes in each hour.

For how many hours a day does my cat snooze?

A 5 B 10 C 15 D 20 E 50



15. Which of the following progress bars indicates 23.4 MB of 37 MB downloaded?

A  B  C  D  E 

16. Runaround Sue is orienteering. She goes 1 km North, then 2 km East, then 3 km South, then 4 km West.

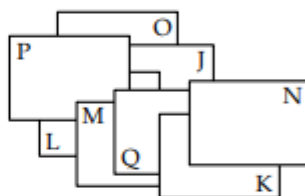
In what direction must she go to return to the start?

A North East B West C North D North West
E East

17. The diagram on the right shows eight lettered pieces of paper.

In which order were the first seven pieces placed?

A OJLPMQK B LOJPMQK
C NMQKPLJ D OJQPLKM
E LJOPQNK



18. I ate half an apple pie on Saturday and two thirds of the remainder on Sunday.

What fraction of the pie was left for Monday?

A None B $\frac{1}{2}$ C $\frac{1}{3}$ D $\frac{2}{3}$ E $\frac{1}{6}$

19. In which of these sets do all of the numbers give a remainder of 1 when divided into 2017?

A 2, 3, 4, 5 B 3, 4, 5, 6 C 4, 5, 6, 7 D 5, 6, 7, 8 E 6, 7, 8, 9

20. My aunt Lotsa Cash has given me £200 to share between me and my five brothers.

What is the smallest sum of money I must give away so that I can share what is left equally among the six of us?

A nothing B 1p C 2p D 3p E £2

