Test 9

1. A + B = 14
   B - C = 3
   A + B + C = 19

   What is A?

   A. 6
   B. 2
   C. 8
   D. 5
   E. 4

2. 80 people are asked about their favourite flavour of crisps. A pie chart is created and the angle for 'ready salted' is 108°. How many people prefer ready salted?

   A. 21
   B. 22
   C. 23
   D. 24
   E. 25

3. How many factors does 216 have?

   A. 12
   B. 15
   C. 16
   D. 17
   E. 18

4. What do the consecutive numbers 1-17 add up to?

   A. 190
   B. 180
   C. 171
   D. 153
   E. 165

5. 1, 3, 6, 10...

   These are the first few 'triangular numbers'. After 1, what is the next triangular number which is also a square number?

   A. 16
   B. 25
   C. 36
   D. 49
   E. 64

6. Which of these is an antonym of the word genuine?

   A. Clandestine
   B. Predicament
   C. Deter
   D. Rudimental
   E. Counterfeit

7. How many prime numbers are there under 25?

   A. 7
   B. 9
   C. 11
   D. 10
   E. 8

8. The radius of a bicycle wheel is 68cm. When a tyre is added, the radius increases by 10%. What is the diameter of the wheel with the tyre on it?

   A. 74.8cm
   B. 76.8cm
   C. 75.8cm
   D. 149.6cm
   E. 147.2cm

9. Which of these words is most unlike the others?

   A. damper
   B. broad
   C. curb
   D. hinder
   E. deter

10. What is 0.12 x 0.18?

    A. 0.216
    B. 2.16
    C. 0.0216
    D. 21.6
    E. 0.00216

Answers

1. A. 6
2. D. 24
3. C. 16
4. D. 153
5. C. 36
6. E. Counterfeit
7. B. 9
8. D. 149.6cm
9. B. broad
10. C. 0.0216

If you need help with any of these questions, take a look at the Facebook group. Find the specific question and read the comments or ask if you're still not sure.

Random 11+ Questions Facebook Group
www.facebook.com/groups/831192307239353/