

Test 3

- ¼ of the children like tennis. ⅓ like athletics. ⅙ like swimming. The remaining 14 children like dancing. How many children altogether?
 - A. 64
 - B. 36
 - C. 24
 - D. 72
 - E. 48
- 2. The difference between the perimeter and the area of a square is 140. What is the length of one side?
 - A. 9cm
 - B. 15cm
 - C. 12cm
 - D. 8cm
 - E. 14cm
- 3. A right angle triangle has sides of 3cm, 4cm and 5cm. A square has sides of 4cm. What is the difference in their areas?
 - A. 2cm³
 - B. 4cm³
 - C. 6cm³
 - D. 8cm³
 - E. 10cm³
- 4. What is the product of 23 and 33?
 - A. 5²
 - B. 6³
 - C. 7²
 - D. 8³
 - E. 9²
- 5. Nothing could or would be the same again. It had been a disaster beyond compare, but that didn't mean that everything was lost. There was a small flickering light at the end of a very long tunnel. They just needed to believe.

Which of the following is true?

- A. It was a total disaster.
- B. They were going through a long tunnel.
- C. Everything would stay the same.
- D. They were still optimistic.
- E. There was a small flickering light.
- 6. 180g of flour is needed to make 12 biscuits. How much would you need to make 17?
 - A. 255g
 - B. 235g
 - C. 275g
 - D. 225g
 - E. 285g
- 7. Which one of these patterns cannot be made by rotating the other four?



- 8. Which of these words in most unlike the other four?
 - A. Frugal
 - B. Thrifty
 - C. Economical
 - D. Benevolent
 - E. Austere
- 9. What is the 137th number in this sequence?
 - 3, 5, 7, 9, 11
 - A. 271
 - B. 273
 - C. 275
 - D. 277
 - E. 279
- 10. Which of the following is the cheapest?
 - A. 90% of £80
 - B. 70% of £102
 - C. 60% of £122
 - D. 65% of £114
 - E. 43% of £170

Answers

- 1. E
- 2. E
- 3. E
- 4. B
- 5. D
- 6. A
- 7. D
- 8. D
- 9. C
- 10. B

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.

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