

Ten Minute Test – Maths 6

1. Jacob is driving to the seaside. He travels 50 miles in 1 hour and 40 minutes.

If he continues at the same speed, how far will he have travelled after 2 hours?

- a. 55 miles
 - b. 60 miles
 - c. 65 miles
 - d. 70 miles
 - e. 75 miles
2. A football match has 90 minutes of normal playing time. There is a 15-minute half-time break and a further 7 minutes of added time.

If the match kicks off at 3:00 p.m., what time does it finish?

- a. 4:30pm
 - b. 4:37pm
 - c. 4:45pm
 - d. 4:52pm
 - e. 4:57pm
3. At a bake sale, Louise has 50 cupcakes to sell. The cupcakes are initially priced at £3 each, and she sells $\frac{1}{10}$ of them. She then reduces the price to £2 each and sells 20% of the remaining cupcakes. Finally, she sells all the cupcakes that are left for £1 each.

How much money does Louise make altogether?

- a. £63
- b. £67
- c. £69
- d. £71
- e. £73

4. A company wants to place an advert in a newspaper. The advert costs £210, plus an additional administration fee of 10% of the advertising cost.

How much does the company pay altogether?

- a. £221
- b. £251
- c. £213
- d. £215
- e. £231

5. In a right-angle triangle, one of the angles measures 53° .

What is the size of the smallest angle?

- a. 137°
- b. 90°
- c. 27°
- d. 37°
- e. Impossible to know

6. A hotel room costs £38 per night. Alternatively, a five-night package costs £150.

How much money is saved by choosing the five-night package?

- a. £38
- b. £40
- c. £44
- d. £50
- e. £51

7. Alice goes on holiday on 28th August and returns home exactly two weeks later.

On what date does Alice return home?

- a. 9th September
- b. 10th September
- c. 11th September
- d. 12th September
- e. 13th September

8. Ruth buys 3 pens costing £1.20 each and a meal deal. She pays with a £10 note and receives £1.60 change.

How much does the meal deal cost?

- a. £3.50
 - b. £3.90
 - c. £4.30
 - d. £4.80
 - e. £5.70
9. Noah is thinking of a prime number. He multiplies the number by 3.

Which of the following cannot be the result?

- a. 39
 - b. 51
 - c. 63
 - d. 9
 - e. 93
10. What is the next number in the sequence?: -7, -4, 0, 5, ?

- a. 6
- b. 11
- c. 12
- d. 15
- e. 9

Once you have finished the test, watch the solutions video to check your answers and learn from any mistakes.