

Ten Minute Test – Maths 8

1. Alan begins driving at 6:50 p.m.

If he drives continuously at an average speed of 42 miles per hour, how many miles will he have driven by 8:00 p.m.?

- a. 43 miles
 - b. 46 miles
 - c. 49 miles
 - d. 52 miles
 - e. 55 miles
2. Tickets to a museum cost £19 per adult and £12 per child. The museum also offers a family ticket for 2 adults and 3 children for £55.

How much money is saved by buying the family ticket instead of individual tickets?

- a. £11
 - b. £13
 - c. £15
 - d. £17
 - e. £19
3. Jacob is thinking of a prime number. He multiplies it by 3.

Which of the following cannot be the result?

- a. 33
- b. 51
- c. 87
- d. 93
- e. 105

4. A recipe that serves 9 people requires 720g of ingredients.

How many grams of ingredients would be needed to serve 2 people?

- a. 80g
- b. 300g
- c. 360g
- d. 960g
- e. 160g

5. Shannon goes on holiday on 29th October and returns exactly four weeks later.

On what date does she return?

- a. 24th November
- b. 25th November
- c. 26th November
- d. 27th November
- e. 28th November

6. A laptop has been reduced by 20%, and its new price is now £360.

What was the original price?

- a. £288
- b. £318
- c. £390
- d. £450
- e. £485

7. Emma buys a bottle of water, a sandwich and a DVD. The water costs one-third of the price of the sandwich, and the sandwich costs one-third of the price of the DVD.

Altogether, the three items cost £19.50. How much does the DVD cost?

- a. £9.00
- b. £10.50
- c. £12.50
- d. £13.50
- e. £15.00

8. $28 - 5 ? 4 + 3 = 11$

Which operation should replace the question mark to make the calculation correct?

- a. +
- b. -
- c. x
- d. $\div$
- e. ()

9. If a rectangle has a perimeter of 46 cm and a width of 8 cm.

What is the area of the rectangle?

- a. 368cm^2
- b. 320m^2
- c. 200cm^2
- d. 120cm^2
- e. 180cm^2

10. A survey finds that people prefer dogs, cats and rabbits in the ratio 8 : 5 : 1.

If 15 people chose cats, how many people took part in the survey altogether?

- a. 30
- b. 33
- c. 36
- d. 39
- e. 42

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