

Ten Minute Test – Maths 4

1. Desi and Pam have a meal at a restaurant costing £57 in total. Desi's food costs £32.20, but they agree to split the total bill equally. How much less does Desi pay than if he had paid for his own food?
 - a. £2.70
 - b. £3.20
 - c. £3.70
 - d. £4.20
 - e. £4.70

2. Simon buys a new phone for £240, a pair of headphones for £38 and a phone case for £22. What percentage of the total cost is the price of the phone?
 - a. 40%
 - b. 50%
 - c. 60%
 - d. 70%
 - e. 80%

3. A shop has 120 footballs. It sells $\frac{1}{4}$ of them in the morning. In the afternoon, it sells $\frac{1}{3}$ of the footballs that remain. It then receives a delivery that increases the number of footballs it has left by 50%. How many footballs does the shop have at the end of the day?
 - a. 50
 - b. 65
 - c. 80
 - d. 85
 - e. 90

4. Emma spends £27 making a batch of 50 stickers. She sells all 50 stickers for £3 each. How much profit does Emma make?
 - a. £117
 - b. £123
 - c. £133
 - d. £150
 - e. £170

5. In an Isosceles triangle, angle A measures 94° . What is the size of angle B?
- a. 43°
 - b. 94°
 - c. 223°
 - d. 37°
 - e. Impossible to know
6. Terri has 30 books to sell at a car boot sale. Of these, 10% are scary books, 30% are comedy books and 5 are fantasy books. The rest are non-fiction. If Terri sells 2 non-fiction books, how many non-fiction books does she have left?
- a. 9
 - b. 10
 - c. 11
 - d. 13
 - e. 15
7. How many days are there altogether in March, April and May?
- a. 89
 - b. 90
 - c. 91
 - d. 92
 - e. 93
8. The Jones family are travelling to the seaside, which is 72 miles away. After travelling for 30 minutes, they have 48 miles left to travel. They set off at 9:00 am. Assuming they continue at the same speed, at what time will they arrive at the seaside?
- a. 10:00am
 - b. 10:05am
 - c. 10:20am
 - d. 10:30am
 - e. 10:45am

9. A medium pizza costs £11. A large pizza costs £3 more. Extra toppings cost £1 each, regardless of pizza size. A family buys one large pizza with 2 extra toppings and one medium pizza with 1 extra topping. They then use a 10% discount coupon. What is the total cost of the order?
- a. £25.20
 - b. £25.80
 - c. £26.40
 - d. £27
 - e. £27.20
10. I am thinking of a number. I multiply the number by 3, then double the result, and finally divide the result by 10. My final answer is 12. What number was I thinking of?
- a. 18
 - b. 12
 - c. 20
 - d. 6
 - e. 30

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