

Ten Minute Test – Maths 7

1. Steven drives at an average speed of 38 mph. His destination is 95 miles away.

If Steven begins his journey at 6:30 p.m., at what time will he arrive at his destination?

- a. 8:30pm
 - b. 8:45pm
 - c. 9:00pm
 - d. 9:15pm
 - e. 9:30pm
2. The table below shows information relating to the price of the new Supercube console at various stores.

	Sam's Electronics	Console World	PlayNation	Mean Price
Supercube Console	£260	?	£300	£264

What is the price of the Supercube console if purchased from Console World?

- a. £232
 - b. £290
 - c. £264
 - d. £238
 - e. £275
3. Sandra collects data from a cat shelter. She finds that there are 140 cats in total. Of these, 40% are tabby cats and 20% are ginger cats.

How many more tabby cats are there than ginger cats?

- a. 14
- b. 20
- c. 28
- d. 36
- e. 42

4. A recipe that serves 7 people requires 840g of ingredients.

How many grams of ingredients would be needed to serve 8 people?

- a. 880g
- b. 910g
- c. 950g
- d. 960g
- e. 1kg

5. In a right-angle triangle, one of the angles measures 73° .

What is the size of the smallest angle?

- a. 17°
- b. 57°
- c. 27°
- d. 47°
- e. Impossible to know

6. Jonathan thinks of a prime number and multiplies it by 5.

Which of the following **cannot** be the result?

- a. 25
- b. 55
- c. 95
- d. 105
- e. 15

7. A school has 300 pencils. It gives 40 pencils to each classroom and has 20 pencils left over.

How many classrooms receive pencils?

- a. 5
- b. 6
- c. 7
- d. 8
- e. 9

8. Adam watches a movie with a runtime of 86 minutes. During the movie, he pauses it for 7 minutes.

If Adam starts watching the movie at 6:50 p.m., at what time does he finish?

- a. 8:10pm
- b. 8:13pm
- c. 8:17pm
- d. 8:21pm
- e. 8:23pm

9. If a rectangle has a perimeter of 22 cm and a width of 3 cm.

What is the area of the rectangle?

- a. 24cm^2
- b. 66cm^2
- c. 22cm^2
- d. 54cm^2
- e. 18cm^2

10. A survey finds that people prefer dogs, cats and rabbits in the ratio 4 : 3 : 1.

If 9 people chose cats, how many people took part in the survey altogether?

- a. 13
- b. 15
- c. 19
- d. 22
- e. 24

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