

Name: _____

Maths Genie Stage 2

Test A

Instructions

- Use **black** ink or ball-point pen.
- Answer all questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all your working out.**
- **Calculators may not be used.**



Information

- The marks for each question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end

1 Write 2623 to the nearest thousand.

.....
(Total for Question 1 is 1 mark)

2 Write 7.84 correct to 1 decimal place.

.....
(Total for Question 2 is 1 mark)

3 There are 41 counters in a bag.

18 of the counters are red.
The rest of the counters are blue.

One of the counters is taken at random.

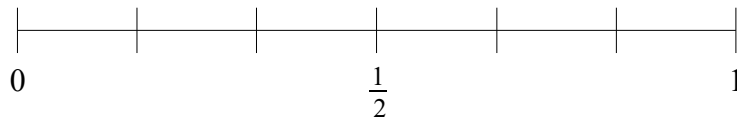
Find the probability that the counter is blue.

.....
(Total for Question 3 is 2 marks)

4 Work out $2572 + 309 + 84$

.....
(Total for Question 4 is 2 marks)

- 5 An ordinary dice is thrown. On the probability scale mark with a cross (X) the probability that the dice lands on an even number.



(Total for Question 5 is 1 mark)

- 6 Potatoes are sold for £2 per kilogram.
Write an expression for the price of x kilograms of potatoes.

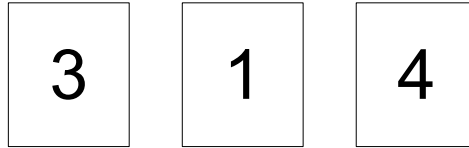
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(Total for Question 6 is 1 mark)

- 7 Work out 54×39

.....
(Total for Question 7 is 2 marks)

8 Here are three number cards



Write down all the possible three-digit numbers that can be made using the cards.

(Total for Question 8 is 2 marks)

9 Mason is x years old.
Phil is two years older than Mason.
Write an expression for Phil's age.

(Total for Question 9 is 1 mark)

10 (a) Simplify $7 \times a \times 3$

.....
(1)

(b) Simplify $5x - 3y - 8x + 6y$

.....
(2)

(Total for Question 10 is 3 marks)

11 Work out $61 - 36.8$

.....
(Total for Question 11 is 2 marks)

12 Work out $40.8 \div 0.6$

.....
(Total for Question 12 is 2 marks)
