

Annual Examinations for Secondary Schools 2022

YEAR 9

**MATHEMATICS
Non-Calculator**

TIME: 15 minutes

Question	1	2	3	4	5	6	7	8	Total
Mark									

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

Instructions to Candidates

- Answer ALL questions.
- This paper carries a total of 25 marks.
- Calculators and protractors are NOT ALLOWED.
- All necessary working must be shown.

1. (a) Write this number in figures:

Five thousand, six hundred and seventy nine _____

- (b) Write this number in words:

2345:

(2 marks)

2. Work out: (a) $9 \times 2 =$ _____

(b) $10 \times 10 =$ _____

(c) $4 \times 5 =$ _____

(3 marks)

3. Put these numbers in order, smallest first:

8.9, 8.5, 6.7, 7.9, 7.7

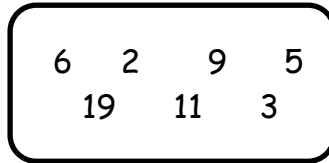
_____, _____, _____, _____, _____.

- (b) Work out: $\frac{3}{10}$ of 200

Ans: _____

(4 marks)

4. Look at this set of numbers.



(a) Write down the **three** numbers that add up to 10.

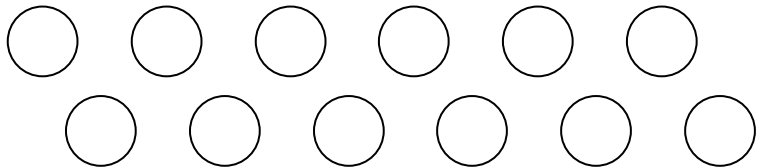
$$\square + \square + \square = 10$$

(b) Which **two** numbers, when subtracted, make 10?

$$\square - \square = 10$$

(2 marks)

5. (a) Shade **half** of these circles.

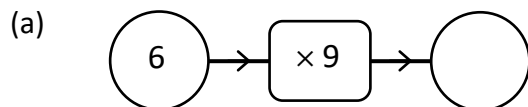
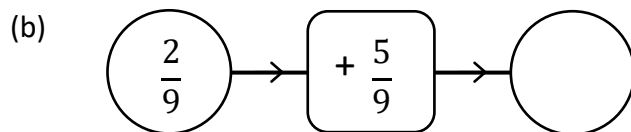


(b) Fill in:

$$\frac{\text{Shaded circles}}{\text{Total number of circles}} = \frac{\square}{\square} = \frac{1}{2}$$

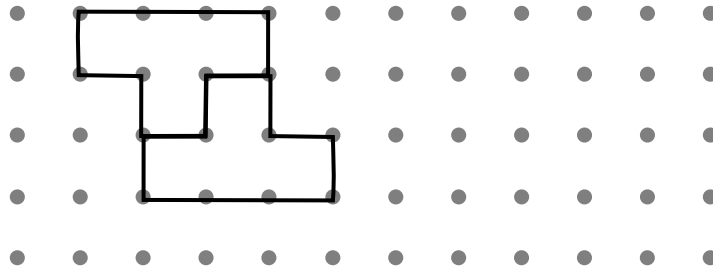
(3 marks)

6. Complete these number machines:

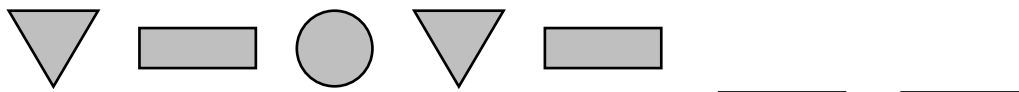


(2 marks)

7. (a) Complete this tessellation by adding two shapes.



(b) Complete this pattern by drawing the next two shapes.



(4 marks)

8. Work out:

(a) $100 \times 58 =$ _____

(b) $75 + 325 =$ _____

(c) $23\,000 \div 1000 =$ _____

(d) $709 - 349 =$ _____

(e) $35 \div 5 =$ _____

(5 marks)

END OF NON-CALCULATOR PAPER