Name: _____ Date: _____

Mathematics

BJC Review questions

1.

    (a) Find the product of 84 and 7   (b)   Divide 2214 by 3

    © What is the sum of the your answer in part (a) an part (b)

2. Place the correct letter from Column B besides the Correct Symbol in Column A

	COLUMN A – SYMBOL	COLUMN B – MEANING
	1. $\notin$	A. The complement
	2. $\subset$	B. Intersection
	3. $\cup$	C. Is not a member of
	4. $\cap$	D. Union
		E. Subset of
		F. The number of elements

3. 9 boys can paint a basketball court in 3 hours.

    (a) How long will 1 boy take working the same rate?

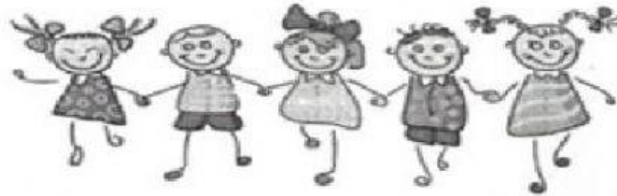   (b) How long will 5 boys take working at the same rate?

4. Mike buys 10 jars of peanuts. He finds that each jar contains the following

amount of peanuts: 50, 52, 54, 52, 56, 50, 54, 49 , 54, 56

    (a) What is modal amount of peanuts?

    (b) Determine the median amount of peanuts.

    © Calculate the mean number of peanuts in the jar.

5.

    The mean age of 5 children is 9 years old.

(a) Calculate the Total age of 5 children

    Four of the children's ages are 10, 8, 9 and 6 years.

    (b) Calculate the age of the fifth child.

6. One book cost $8.52. Calculate the cost of 6 such books.

7. (a) State the value of 9 in the number 39.312

    (b) Write down the next prime number after 37

8. Simplify

$$63 \div 9 \times 7 + 2$$

9. Robert had the following coins in his pocket.

8 twenty-five pieces   3 ten-cent pieces   4 one-cent pieces

What is the total amount of money in Robert's pocket?

10. Write the missing values.

(i)   (ii)

$$\frac{5}{9} = \frac{\bigcirc}{45}$$

$$\frac{16}{28} = \frac{4}{\bigcirc}$$

11.

A group of students were asked how many siblings they had. The tally chart below represents the information.

(a) Complete the tally chart for **A** and **B**. [2]

Number of siblings	Frequency	Total
2	⊬Ⱶ⊤ / /	**A**
3	/ / /	3
4	**B**	4
5	/	1
6	/	1

(b) What is the modal number of siblings?

Answer: _____ siblings [1]

(c) How many students had 3 or more siblings?

Answer: _____ students [1]

(d) How many students were in the súrvey?

Answer: _____ students [1]

(e) What is the total number of siblings?