

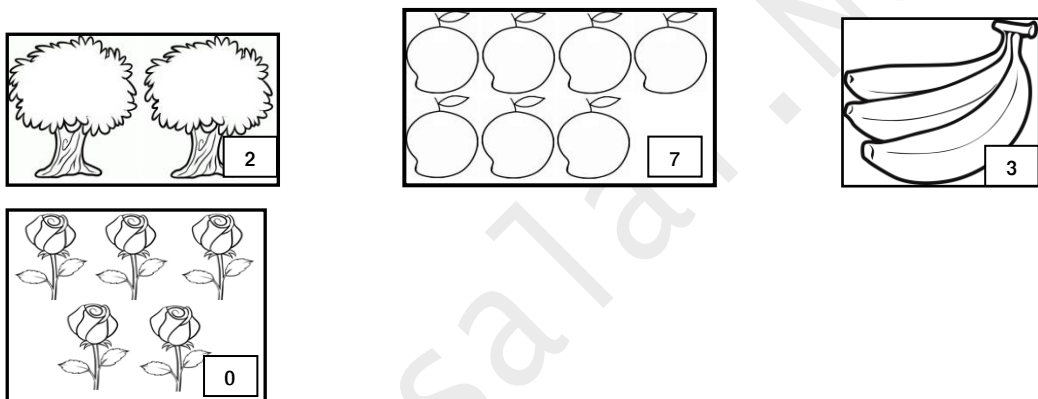
CCE Worksheet 2 – Maths – 1st Standard

1. In this picture, how many leaves are there in the plant-5



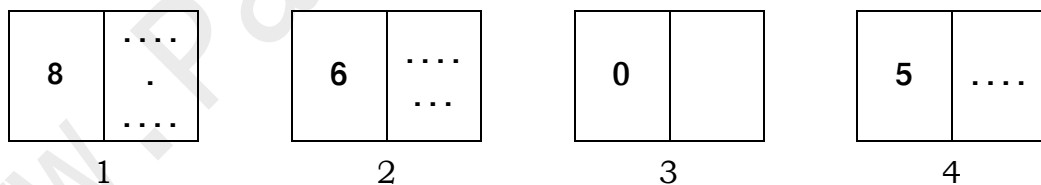
- plant 1 plant 2 plant 3 plant 4 plant 5
A) 4 B) 3 C) 0 D) 2

2. In the picture the number of objects which does not match the number is

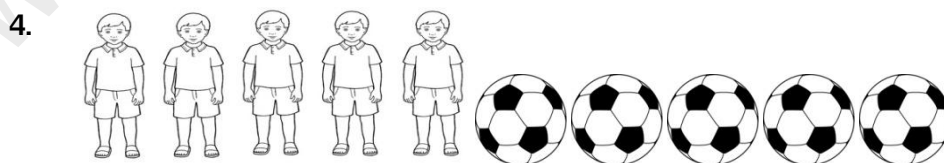


- A) 0 B) 2 C) 7 D) 3

3. In the picture which numbered card matches the number of dots with the numeral



- A) 2 B) 3 C) 4 D) 1



If each one has a ball, then balls remaining is

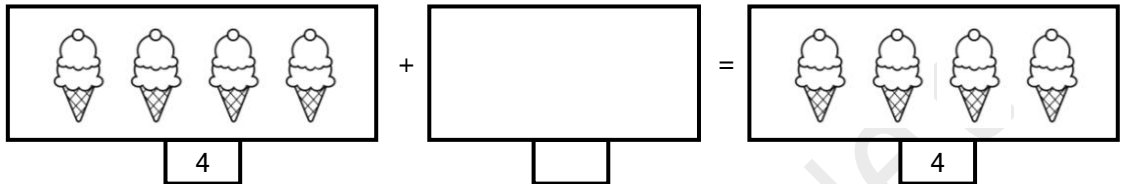
- A) 5 B) 10 C) 1 D) 0

5. If both flowers from the plant fall down, then the remaining flowers is



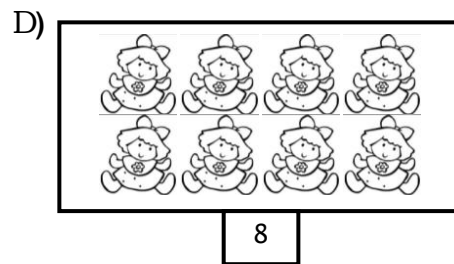
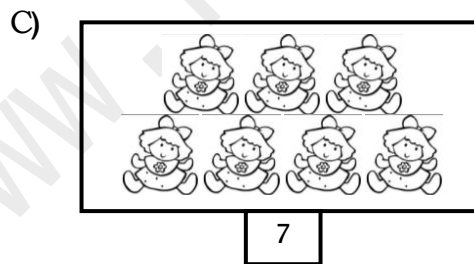
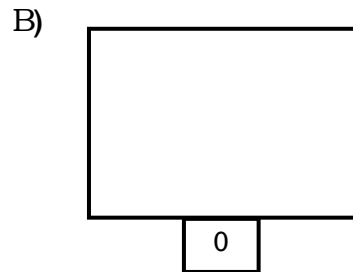
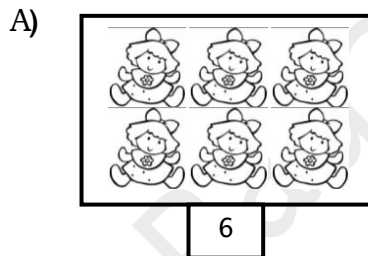
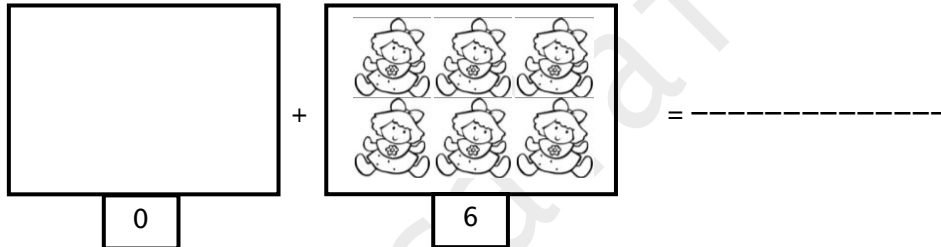
- A) 0 B) 1 C) 3 D) 2

6. Fill in the empty box



- A) 4 B) 8 C) 0 D) 4

7. Fill in the blank with the suitable picture



8. $9 = 9 + \square$

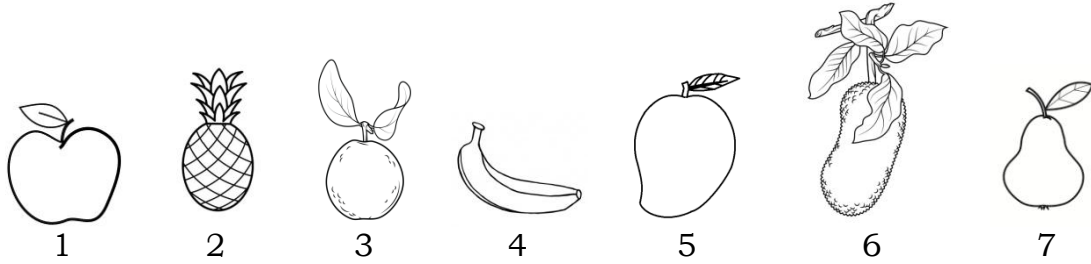
- A) 9 B) 10 C) 0 D) 18

9. $0 + \square = 5$

- A) 7 B) 1 C) 5 D) 2

CCE – Worksheet 2 - 2nd Standard - Maths

1.



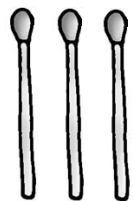
What Picture is in the sixth place

- A. Gauva B.Apple C.Mango D.Jack Fruit
2. Ram stands next to the 9th place. In which place does he stand?
A. 8th B.10th C.11th D.9th
3. If the first day of a month is Monday, then eight day will fall on which day?
A. sunday B.tuesday C.monday D.saturday
4. In which month the Republic day is celebrated?
A. 1st B.8th C.3rd D.9th
5. The shape of one rupee coin is _____.
A. circle B.triangle C.square D.rectangle
6. What is the shape used in the given decoration?



- A.  B.  C.  D. 

7.

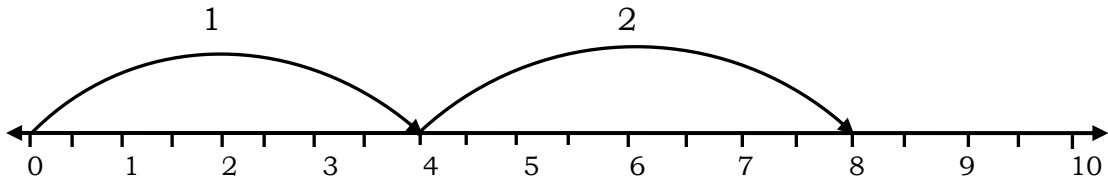


What closed shape can be formed using three match sticks?

- A. triangle B. square C. rectangle D. circle

CCE Worksheet 2 – Maths – 3rd Standard

1. Observe given number line and write the correct multiplication statement



- A) 4×2 B) 4×4 C) 1×8 D) 6×2

2. Write the correct sequence of the missing numbers of 4, 8, 12, ---, ---, 24, ---

- A) 16, 20, 28 B) 16, 22, 30 C) 14, 16, 26 D) 16, 20, 30

3. Find the multiplication statement derived from the picture



- A) 1×4 B) 2×4 C) 3×4 D) 4×4

4. Write all the multiples of 5 in the correct sequence from the given set of numbers

10, 18, 5, 19, 15, 30, 2, 25, 40

- A) 5, 10, 15, 25, 30, 40 B) 5, 10, 12, 25, 30, 40
C) 5, 15, 16, 24, 25, 40 D) 4, 15, 19, 24, 25, 40

5. Choose the correct multiplication statement of the product 20

- A) 4×10 B) 10×5 C) 4×5 D) 5×5

6. Fill in the boxes and find the correct order of answers.

(i) $3 \times \square = 30$

(ii) $5 \times 0 = \square$

(iii) $1 \times 20 = \square$

(iv) $60 \times \square = 0$

(v) $0 \times 7 = \square$

- A) 10, 0, 20,0, 0 B) 10, 10, 0,0, 0 C) 0,10, 20,10,0 D) 0, 10, 0,10,0

7. Choose the correct answer sequence for the given statement.

(i) $10 \times 0 = \text{-----}$

(ii) $8 \times 0 = \text{-----}$

(iii) $0 \times 9 = \text{-----}$

(iv) $0 \times 1 = \text{-----}$

- A) 10, 8, 9, 1 B) 0, 0, 0, 0 C) 10, 8, 0, 0 D) 0, 0, 9, 1

8. Choose the best answer.

(i) $10 \times 0 = 0$

(ii) $10 + 0 = 0$

(iii) $10 - 0 = 0$

(iv) $0 \times 10 = 0$

A) (i) only correct

B) (ii) only correct

C) (i) and (iv) are correct

D) (iii) only correct

9. Fill in the boxes and choose the correct answer sequence.

(i) $\square \times 10 = 120$

(ii) $480 = 48 \times \square$

(iii) $36 \times 10 = \square$

(iv) $24 \times \square = 240$

- A) 12,48, 10, 24 B) 12, 10,36, 10 C)12,10,360, 10 D)10,10,36,24

CCE Worksheet 2 – Maths 4th Standard

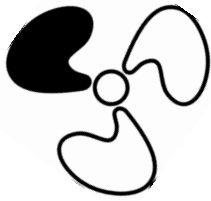
1. The correct sequence of measuring the capacity of water tank, petrol lorry and polio drops using standard units is
A) *l,ml,ml* B) *ml,l,l* C) *l,l,l* D) *l,l,ml*
2. If 4 liters of coffee and 2 litres of tea were sold from 6litres of coffee and 4 litres of tea, how much of coffee and tea will be remaining?
A) Coffee - 8 *l*, tea - 6*l* B) Coffee - 4 *l*, tea- 2 *l*
C)Coffee - 2*l*, tea - 2 *l* D) Coffee - 12 *l*, tea - 4 *l*
3. Kavitha had 500ml of fruit juice. She gave 100ml of juice to each of her three daughters
A) 200 ml B) 100 ml C) 50 ml D) 400 ml
4. Kumaran divided 2 litre of water equally and poured into two vessels of different sizes. He noticed that the quantity of water in the big vessel appears less, because . . .
A) Height of the small vessel is greater
B) Height of the big vessel is less
C) Perimeter of the base of the small vessel is less
D) Perimeter of the base of the big vessel is greater
5. Seetha filled water from one vessel in to another vessel using her hands 10 times. In the same way, Ramu filled the same vessel using his hands 5 times measuring the capacity of water is using hands
A) Non-Standard units
B) Standard units
C) Equal
6. Raju went to a shop to buy oil. The details of oil bought were given below.

S.No.	Name of the oil	Price per litre(in Rs)	Capacity of oil bought
1.	Sun flower oil	100	500 ml
2.	Gingely oil	200	250 ml
3.	Coconut oil	150	500 ml
4.	Olive oil	600	100 ml

- (i) The total capacity of oil bought by Raju is
A) 750 ml B) 1150 ml C) 1L 350 ml D) 1L 500 ml

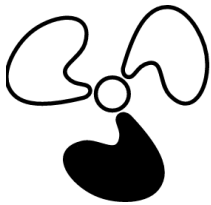
CCE Worksheet 2 – Maths 5th Standard

1.



Which of the following figure is correct after $\frac{1}{3}$ of a turn?

turn?



2. Number of lines of symmetry in a rectangle

A) 2

B) 3

C) 4

D) 1

3. September 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

(i) Find the multiples of 5 on the dates which fall on Tuesday?

A) 15

B) 20

C) 30

D) 5

(ii) Find the multiples of 5 and 6 on the dates which fall on Friday?

A) 18

B) 30

C) 20

D) 15

(iii) Multiple of which number comes on the dates of Wednesday?

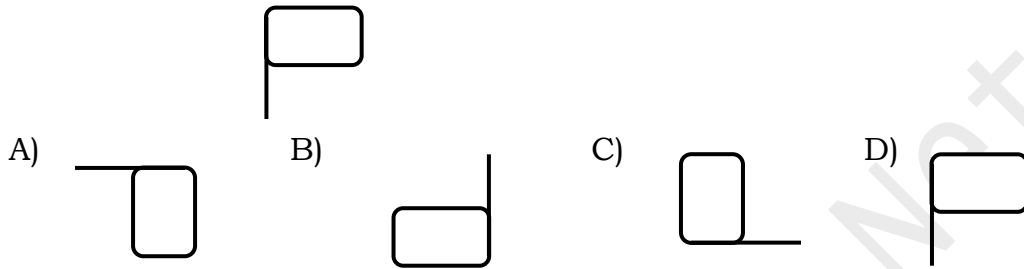
A) 4

B) 5

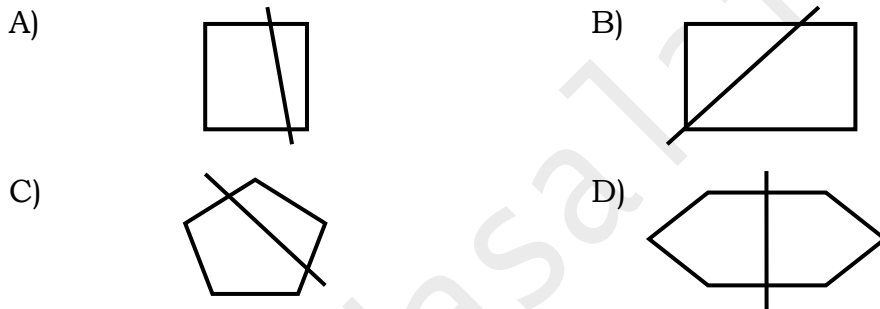
C) 6

D) 7

6. Which number remains the same, even after mirror reflection?
A) 2 B) 3 C) 0 D) 7
7. A building is built in a symmetrical pattern. If it has 4 pillars on the left side, the number of pillars on the right side is
A) 2 B) 4 C) 1 D) 0
8. The figure obtained after half a turn is



9. Which of the following line drawn on the given figure is symmetrical?



10. Which one numbered square should be shaded in the following figure to get a line of symmetry?

	1	2	3
4		5	6
	7		8
9		10	11

- A) 6 B) 5 C) 11 D) 10

CCE Worksheet 2 – Maths – 6th Standard

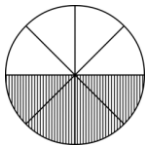
1. Malathy has 6 pens and 12 notebooks. The ratio of pens and notebooks is

- A) 2 : 1 B) 1 : 2 C) 3 : 1 D) 1 : 3

2. 400 men and 500 women attended a function. What is the ratio of women to the total people attended ?

- A) 9 : 4 B) 1 : 9 C) 5 : 9 D) 9 : 1

3.



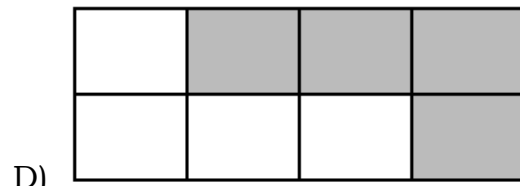
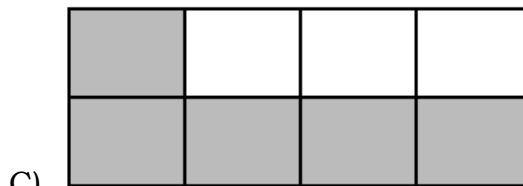
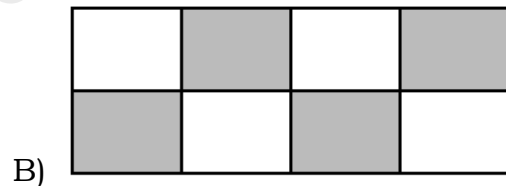
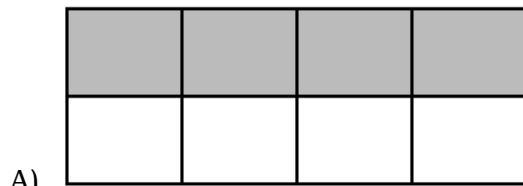
What is the ratio of shaded and the unshaded parts in the given figure ?

- A) 1 : 1 B) 1 : 4 C) 1 : 8 D) 1 : 16

4. Represent 4 : 3 as a fraction

- A) $\frac{4}{3}$ B) $\frac{3}{4}$ C) $\frac{4}{7}$ D) $\frac{3}{7}$

5. Which picture given below represents the fraction $\frac{5}{8}$?



6. The breadth and length of a rectangle are 10 cm and 1 m respectively.

What is their ratio?

- A) 1 : 10 B) 10 : 1 C) 100 : 1 D) 1 : 100

7.(i)

A	Z	B	S
O	S	A	L
C	P	A	R
A	N	W	T

Look at the figure and count the number of times the letters S and A are presented. Represent these numbers as a ratio.

- A) 1 : 4 B) 2 : 5 C) 1 : 2 D) 1 : 3

7.(ii) Write the number of times of the letter A present in the box as a fraction

- A) $\frac{1}{4}$ B) $\frac{1}{2}$ C) $\frac{3}{16}$ D) $\frac{5}{16}$

8. Find the missing term?

$$2 : 3 = 8 : \text{-----}$$

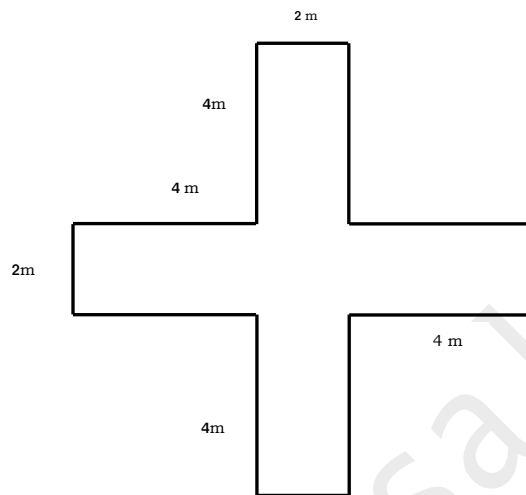
- A) 6 B) 9 C) 12 D) 15

9. Geetha reaches 100 km in 3 hours. If she travels in the same speed for 9 hours what could be the distance she travelled?

- A) 200 km B) 300 km C) 400 km D) 150 km

CCE Worksheet 2 – Maths – 7th Standard

- The surface enclosed by a closed figure is
A) perimeter B) length C) area D) breadth
- The length of the table is 60 cm. The perimeter is 180 cm. Find the breadth of the table?
A) 60 cm B) 30 cm C) 90 cm D) 180 cm
- Find the area of the park given below:



- A) 32 m² B) 34 m² C) 36 m² D) 38 m²
- The side of the field is 30 m. Find the distance covered by you when you go around the field 4 times.
A) 480 m B) 460 m C) 500 m D) 490 m
 - A park is in the form of a quadrilateral. One of its diagonal is 100 m. The perpendicular distance from the given diagonal to opposite vertices are 30 m and 25 m respectively. Find the area of the park?
A) 2550 sq.m. B) 2750 sq.m. C) 2720 sq.m. D) 2770 sq.m.
 - The length of a rectangular shaped kitchen with area 2050 sq. m. is 50 m. Find the breadth of the kitchen ?
A) 45 m B) 46 m C) 41 m D) 48 m
 - Area of the rhombus ABCD is 300 cm². If the length of AC is 40 cm, then find the length of BD?
A) 10 cm B) 12 cm C) 15 cm D) 20 cm
 - Length and Breadth of the rectangle shaped plot in the school are

60m and 40m respectively. Find the cost of gardening the whole plot at the rate of Rs.40 per sq.m.?

A) Rs. 80,000 B) Rs. 76,000 C) Rs.96,000 D) Rs. 1,00,000

9. Find the perimeter of the regular hexagonal shaped wall clock whose side is 4 cm?

A) 26 cm B) 24 cm C) 28 cm D) 29 cm

10. Area of the square shaped playground is 2025 sq.m. Find the perimeter of the playground?

A) 145 m B) 160 m C) 180 m D) 200 m

CCE Worksheet 2 – Maths 8th Standard

1. There are 50 matchsticks in a matchbox. How many matchsticks are there in n matchboxes which have the same number of matchsticks?
A) $50 + n$ B) $50 \div n$ C) $50n$ D) $50 - n$
2. Which one of the following algebraic expression indicates “14 subtracted from 4 times of a number” .
A) $4x + 14$ B) $4x - 14$ C) $14 - 4x$ D) $14 + 4x$
3. Which one of the following explains the algebraic expression $9x + 8$
A) Add 8 with 9 times of a number
B) Add 9 with 8 times of a number
C) Subtract 8 from 9 times of a number
D) Subtract 9 from 8 times of a number
4. The sum of two polynomials of $7x + x^2 - 2$, $-4x + 2$ is
A) $x^2 - 11$ B) $x^2 + 3x$ C) $-4x + 4$ D) $x^2 + 11x - 4$
5. Find out the area of the rectangular field which has length $(-5a + b)$ meter and breadth $8a$ meter?
A) $(8ab - 40a^2) m^2$ B) $(8ab + 40a^2) m^2$ C) $(40a^2 + b) m^2$ D) $(-40a^2 + a m^2)$
6. If $y = -9$, then the value of $(y + 9)(y + 2)$
A) 0 B) -7 C) 9 D) 2
7. A park near Latha's house is in the shape of regular hexagon. If the side of the park is 'x' meter then its perimeter is
A) $(x + 6)$ B) $6x$ C) $(x - 6)$ D) $(6 + x)$
8. Which one of the following statement indicates the algebraic expression $11 - x$
A) Subtract x from 11 B) Subtract 11 from x
C) Subtract x for 11 times D) Subtract 11 for x times
9. Find the area of the square whose side is 'y' ?
A) $y \times y$ B) $y - y$ C) $y + y$ D) $4 \times y$
10. Find the value of p in the expression $\frac{p}{2} = 3$?
A) 6 B) 8 C) 3 D) 2

CCE Worksheet 2 – Maths 9th Standard

1. If the sum of two numbers is 24 and their difference is 8 then the two numbers are
A) 16,8 B) 20,4 C) 0,24 D) 0,8
2. The solution of the inequality $2x + 7 > 15$ is
A) $x = 4$ B) $x > 4$ C) $x < 4$ D) $x = 0$
3. If the factors of $ax^2 - 5x + c$ are $(2x + 1)$ and $(x - 3)$, the values of a and c respectively are
A) 2,3 B) -2,3 C) 2,-3 D) 1,-3
4. If one of the factors of $x^2 + 9x + 14$ is $(x + 7)$, the other factor is
A) $(x + 2)$ B) $(x - 7)$ C) $(x - 2)$ D) $(x + 9)$
5. The degree of the polynomial $12 - 4x + 4x^3$ is
A) 2 B) 1 C) 3 D) 10
6. The coefficients of x^2 and x respectively in the polynomial $2x^3 - 2x + 3 - 3x^2$ are
A) (2, 3) B) (-2, -3) C) (-3, -2) D) (3, 2)
8. If $(ax - b)$ is one of the factors of $p(x)$
A) $p(b) = 0$ B) $p(-\frac{b}{a}) = 0$ C) $p(a) = 0$ D) $p(\frac{b}{a}) = 0$
9. One of the factors of $x^3 - 2x^2 + 2x - 1$ is
A) $(x - 1)$ B) $(x + 1)$ C) $(x - 2)$ D) $(x + 2)$

CCE Worksheet 2 – Maths – 10th Standard

1. Degree of the equation $x^3 - (x - 2)^3 = 0$ is
A) 3 B) 2 C) 6 D) 1
2. What are the roots of the quadratic equation $ax^2 + cx - b = 0$
A) $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ B) $\frac{-c \pm \sqrt{c^2 - 4ab}}{2a}$ C) $\frac{-c \pm \sqrt{c^2 + 4ab}}{2a}$ D) $\frac{-b \pm \sqrt{c^2 + 4ab}}{2a}$
3. If sum of the roots of the quadratic equation $2x^2 - kx + 7 = 0$ is twice of the product of the roots then the value of 'k' is
A) $-\frac{7}{2}$ B) $-\frac{2}{7}$ C) $\frac{7}{2}$ D) $\frac{2}{7}$
4. If one of the roots of a quadratic equation is $2 + \sqrt{3}$ then the other root is
A) $-2 + \sqrt{3}$ B) $2 - \sqrt{3}$ C) $-2 - \sqrt{3}$ D) $\sqrt{2} + 3$
5. Find the equation whose roots are reciprocal of the roots of the quadratic equation $ax^2 + bx + c = 0$
A) $\frac{x^2}{a} + \frac{x}{b} + c = 0$ B) $ax^2 - bx - c = 0$
C) $bx^2 + ax + c = 0$ D) $cx^2 + bx + a = 0$
6. If one of the roots of the quadratic equation $x^2 + 6x + k = 0$ is twice that of the other root then the value of k is
A) 12 B) -18 C) 36 D) 8
7. If the area of a rectangle with length 'x' metre and breadth 'y' metre is 108 m^2 , then its equation is
A) $x^2 y^2 = 108$ B) $2(x + y) = 108$ C) $xy = 108$ D) $\frac{x}{y} = 108$
8. If the square of a number is equal to three times of another number, then its equation is
A) $x^2 = y^3$ B) $x^2 = y + 3$ C) $3x = y^2$ D) $x^2 = 3y$
9. Which one of the following explains the algebraic equation $x^2 = 3x + 5$
A) Square of a number is 5 less than three times of it
B) Square of a number is 5 more than three times of it
C) Square of a number is 3 more than five times of it
D) Square of a number is 5 less than three times of it