1. Write the number using words

61

(a) Sixty one

(c) Thirty one

(b) Eighty one

(d) Fifty one

2. What is the 24th letter in this passage?

To be or not **t**o be,
That is **t**he question.

(a) q

(c) u

(b) i

(d) o

3. How many vertices are in the following shape?

(a) 6

(c) 3

(b) 4

(d) 7

4. I am an even number between 5 and 20. If you keep subtracting 5 from me, you will be left with 0. Who am I?

(a) 16   (c) 10

(b) 12   (d) 14

5. Let "x" be a number. If we add 5 successively three times with "x", the result is 30. Then the value of "x" is

(a) 20   (c) 25

(b) 30   (d) 15

6. In a class room there are five rows of desks. Sam sits an odd row. He sits between 1st and 5th row. Which row does Sam sit it in?

(a) 2nd row   (c) 3rd row

(b) 4th row   (d) 5th row

7. Elizabeth's birthday is March 24. Alexis' birthday is one week and three days after Elizabeth's. On which day is Alexis' birthday?

March

S	M	T	W	T	F	S
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	31				

April

S	M	T	W	T	F	S
			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		

(a) 3rd April

(c) 4th April

(b) 5th April

(d) 6th April

8. Solve for "P":

$$5P - 8 = 12p + 14 - 8$$

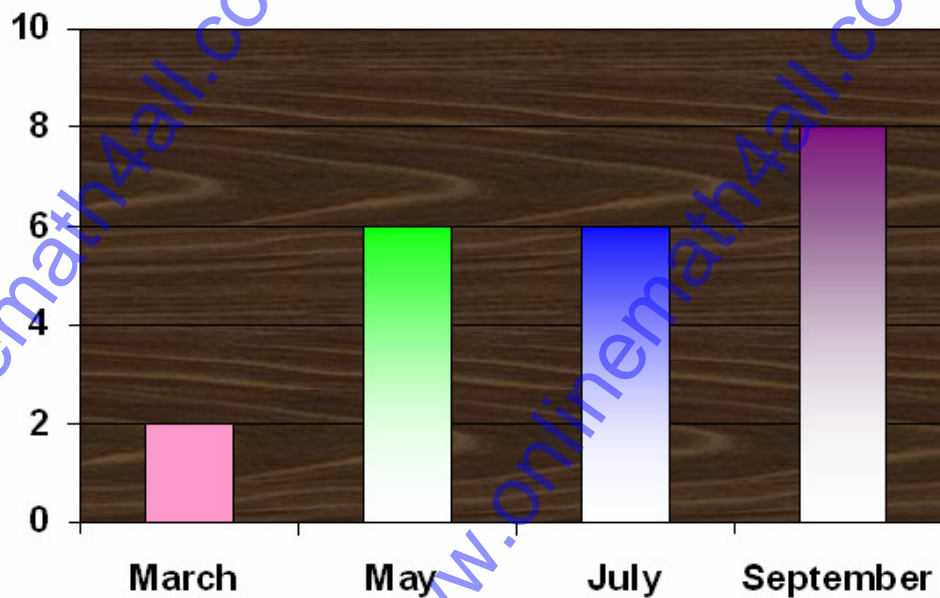(a) 2   (c) -3

(b) 3   (d) -2

9. Meteorology students in Miami recorded the rainfall in their city.

Using the below graph find in which month they have recorded the least rain fall
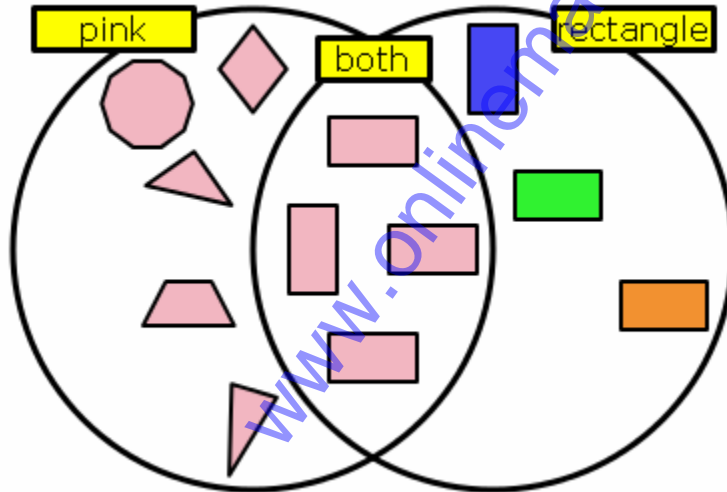

(a) March   (c) May

(b) July   (d) September

10. How many are rectangles but not pink?

(a) 3

(c) 9

(b) 4

(d) 6

11. If 2 feet measures 24 inches then how many feet are in 36 inches?

(a) 1

(c) 6

(b) 3

(d) 4

12. Which is more, 8,997 milliliters or 9 liters?

(a) 8997 milliliters   (c) both are equal

(b) 9 liters   (d) none of these

---

13. Add the following

$$
\begin{array}{r}
7.64 \\
7.05 \\
+\ 5.52 \\
\hline

\end{array}
$$

(a) 16.58   (c) 12.52

(b) 14.36   (d) 20.21

---

14. Find the median of the following

10	5	1	3	0	10	9

(a) 1   (c) 5

(b) 3   (d) 10

15. Some of the farmers compared in terms of tractors they own.

Tractors	
Farmer	Number of tractors
Farmer Alex	6
Farmer Andy	1
Farmer Megan	6
Farmer Rob	12
Farmer Rick	5
Farmer Allison	15
Farmer John	11

What is the mean for the above data?

(a) 8   (c) 5

(b) 9   (d) 6

16. Diana is planning the menu for a dinner party. She wants to serve one main dish and one salad. For the main dish, she can make fish, steak, pizza, or chicken. For the salad, Diana knows how to make fruit salad, potato salad, or coleslaw. How many different menu combinations can Diana serve?

(a) 10   (c) 8

(b) 12   (d) 16

17. Young Jae bought two rolls of tape. The first roll had 8.7 meters of tape and the second roll had 2.5 meters of tape. How many meters of tape did Young Jae buy in all?

(a) 10.2   (c) 13.2

(b) 8.2   (d) 11.2

18. Which symbol makes the following sentence true?

 3.98 _____ 3.58

(a) <   (c) >

(b) =   (d) none of these
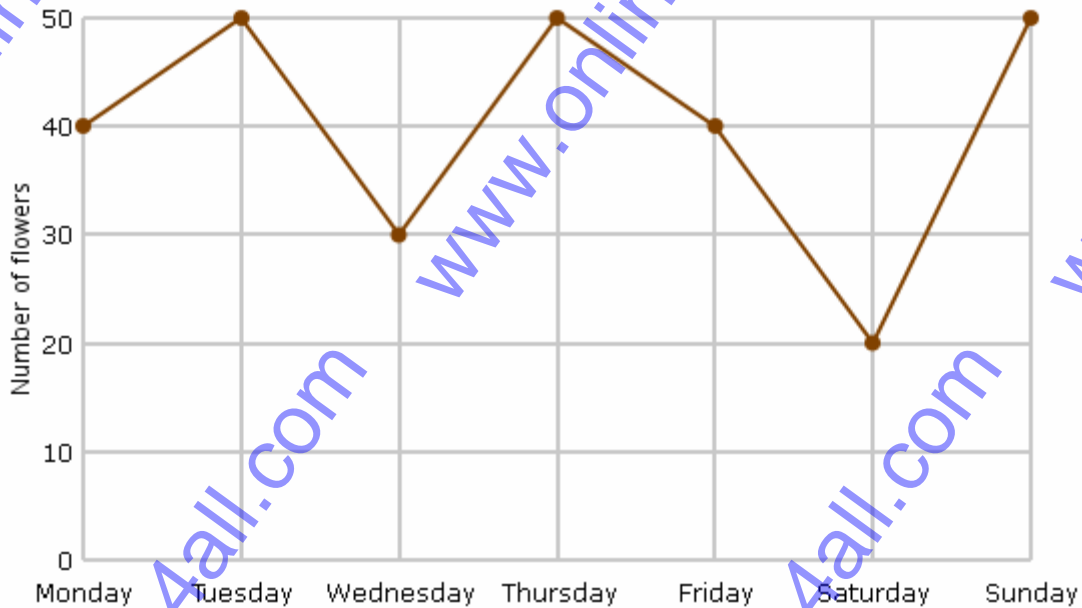
19. Write **six and sixteen hundredths** as a decimal number.

(a) 6.600   (c) 6.610

(b) 6.16   (d) 6.62

20. Leah paid attention to how many flowers she planted in the garden during the past 7 days. Find the number of flowers that she planted on Wednesday?

(a) 30

(c) 40

(b) 50

(d) 20

21. How to express 12/100 in the form of fraction?

(a) 15%

(c) 12%

(b) 48%

(d) 38%

22. Write the shaded portion of the following picture in fraction form
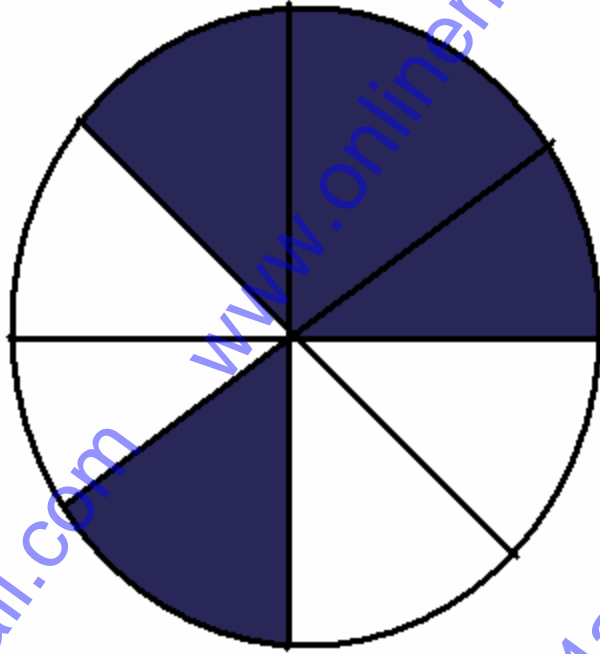
(a) 4/6   (c) 4/8

(b) 3/7   (d) 4/7

23. 20% of _____ = 12

(a) 20   (c) 70

(b) 60   (d) 50

24. Subtract the following: (6/7) – (4/7)

(a) 2/7   (c) 3/7

(b) 7/7   (d) 1/7

25. How to make the sentence true?

650 + 175 = _____ +274

(a) 551   (c) 581

(b) 729   (d) 630

26.

Favorite Types of Music
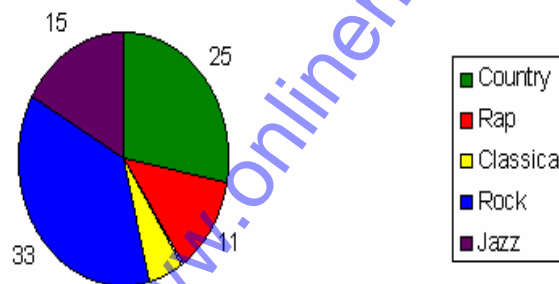
How many people like the Rap music?

(a) 25   (c) 11

(b) 15   (d) 5
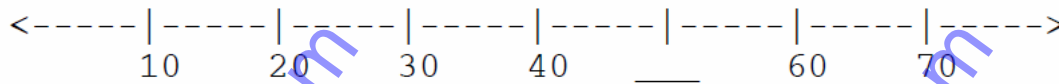
27. Find the simplified value of the following when x=3

$$3/(x+3)$$

(a) 2   (c) 6

(b) 3   (d) 1/2

---

28. Find the missing number in the number line

```
<-----|-----|-----|-----|-----|-----|-----|----->
      10    20    30    40    ___   60    70
```

(a) 50   (c) 20

(b) 40   (d) 30

---

29. Write the shaded portion in the form of fraction

(a) 8/10   (c) 6/10

(b) 7/10   (d) 5/10

30. Find the area of the living rooms in the following plan

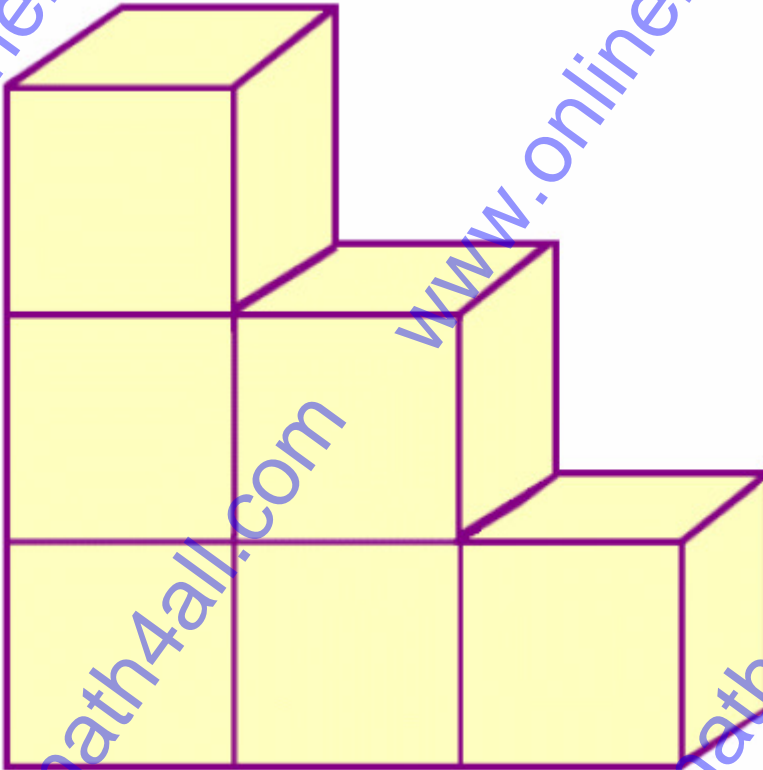|	20'		10.5'		7.5'
11'	Master bedroom		Dining room		Kitchen
		Bathroom			11'
3'	Hallway	20'	6'		
			15'		15'
12'	Bedroom "A"	Bedroom "B" 12'		Living room	
	9.5'	10.5'		18'	
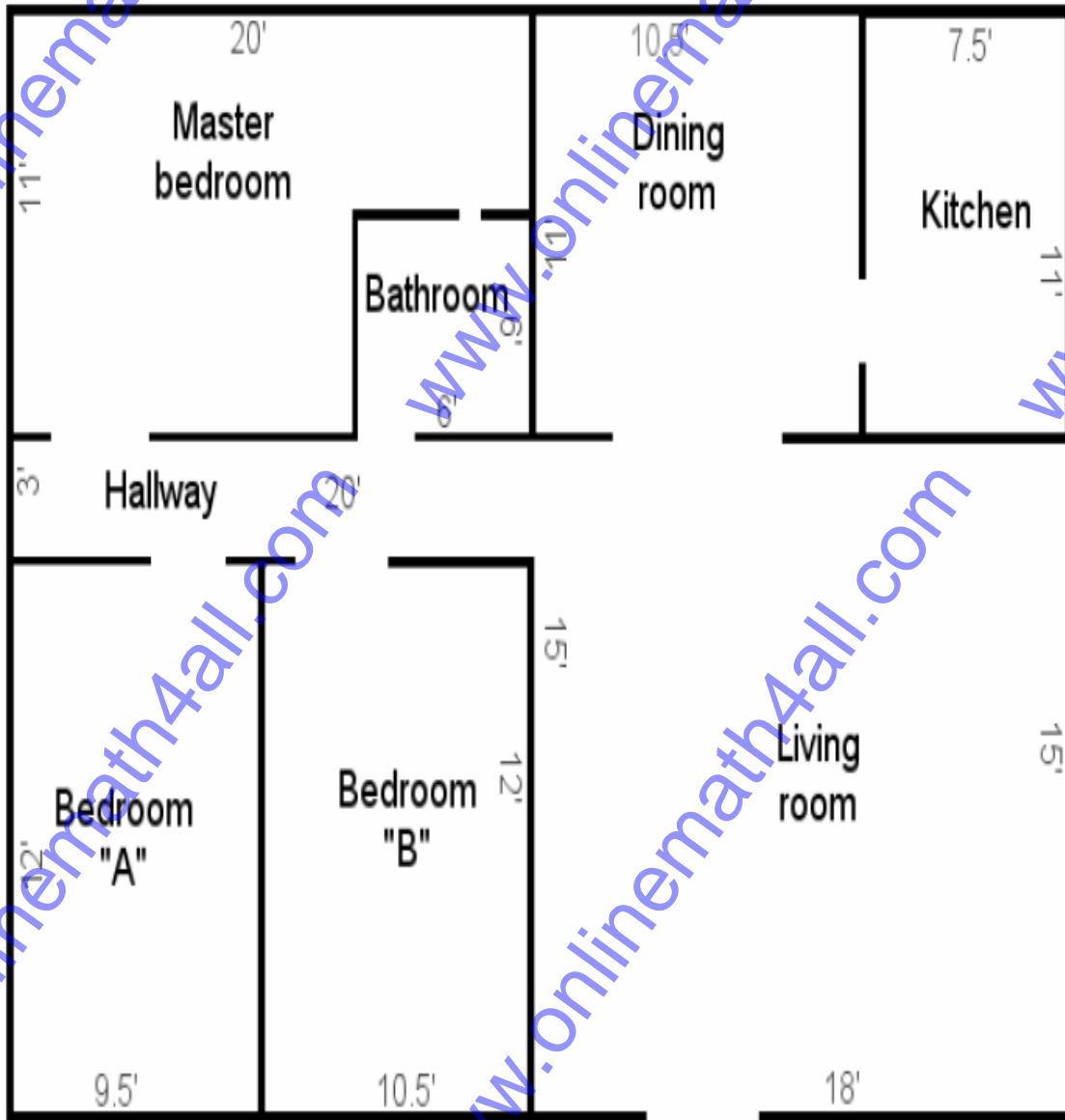
(a) 250 square feet   (c) 270 square feet

(b) 100 square feet   (d) 150 square feet

31. How many cubes would you need to make four steps?

(a) 15

(c) 12

(b) 10

(d) 20

32. Add the following number in the flower.

(a) 10   (c) 15

(b) 18   (d) 16

33. How many inches are in 1 yard?

(a) 24   (c) 36

(b) 12   (d) 10
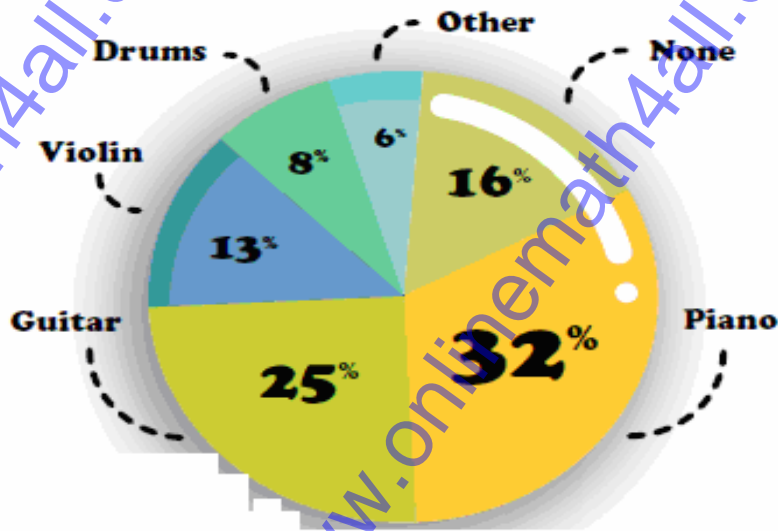
34. Anna makes 16 cookies. Ken eats half of them. How many cookies are left?

(a) 5   (c) 7

(b) 6   (d) 8

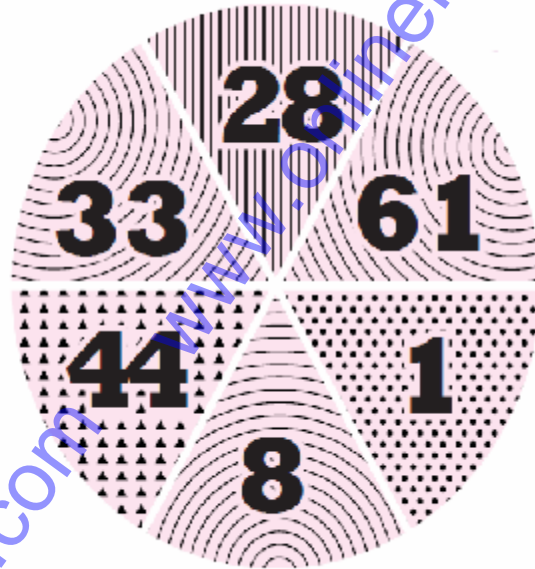35. Using the below chart find the percentage of children who are going to musical instrument class?

(a) 78 %   (c) 48%

(b) 57%   (d) 62%

36. What is the probability of getting the multiple of 11 in the following numbers?

(a) 2/6   (c) 3/6

(b) 4/6   (d) 5/6

37. Muscleville High School made a chart of all the medals they have won in the state sport championships.

Events	GOLD	SILVER	BRONZE
speed swimming events	3	4	2
diving events	5	5	2
relay races	2	4	1
running races	0	6	4
balance beam events	2	3	3
high and low jumps	1	5	0
hurdle races	4	4	3

In which event did the school get most medals?

(a) Hurdle races

(c) Running races

(b) Dividing events

(d) Speed swimming events

38.

38. David scored 18 points on his first go. On his second go, he scored one third of the first and in third go he scored one half of the second score. How many points did David have in total?
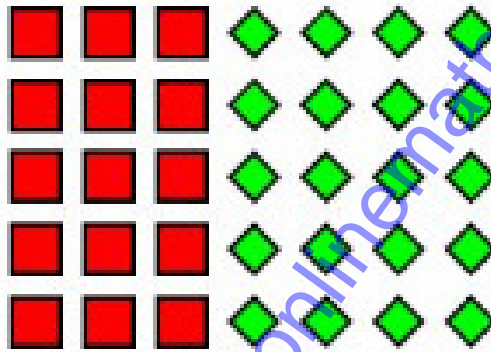
(a) 24

(b) 30

(c) 27

(d) 28

39.

What is the ratio of 🟥 to 🟢 ?

(a) 5:8

(b) 7:8

(c) 3:5

(d) 8:7

40. You can cook a variety of dishes using eggplant. See how many of them, the chef is planning for his restaurant. Answer the questions below. Note: each eggplant in the pictograph stands for 3 eggplants.

Recipe	Number of Eggplants
Eggplant Parmesan	
Eggplant Lasagna	
Stuffed Eggplant	

= 3 eggplants

How many eggplants did the chef use for Eggplant Parmesan?

(a) 6

(b) 18

(c) 12

(d) 10

41. Dad ate 12 cookies, Mom ate five, little sister ate two, and there are still nine left. So originally the family had _____ cookies.

(a) 18   (c) 28

(b) 38   (d) 48

42. John gets a weekly allowance of two dollars. After saving money for six weeks, John bought a book that cost eight dollars. How much money did he have left?

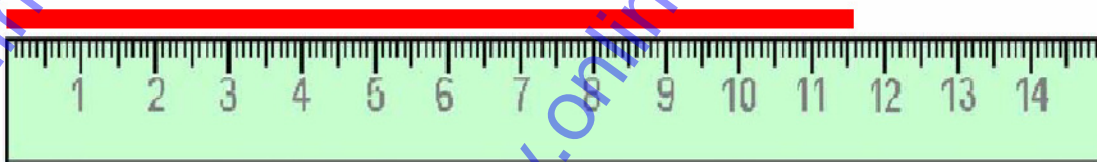(a) 5   (c) 6

(b) 3   (d) 4

43. What is the measurement of the scales shown below?

(a) 10 cm 5 mm   (c) 11 cm 5 mm

(b) 11 cm 6 mm   (d) 12 cm 5 mm

44. Sally, Joe, and Tammy equally divided 36 cherries. How many did each one get?
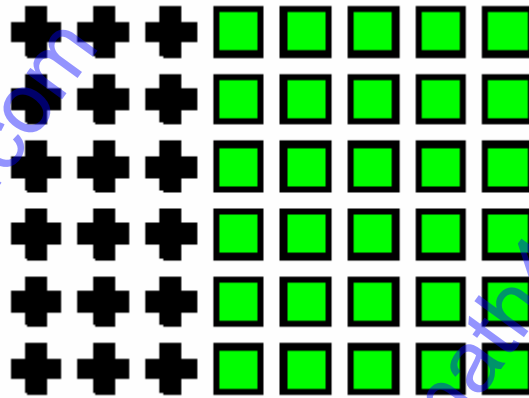
(a) 3   (c) 10

(b) 9   (d) 12

45. What is the sum of total shapes?

(a) 42   (c) 48

(b) 27   (d) 58

46. Find the value of x^3 when $x=2$.

(a) 2   (c) 6

(b) 8   (d) 5

47. What is the value of $2^5 + 5^2$?

(a) 57   (c) 69

(b) 43   (d) 72

48. The teacher asked the kids that what kind of pets that they have in their home

Kids Have Pets

Dogs	llll
Cats	llll ll
Birds	llll
Turtle	ll
Fish	llll lll
Snake	

From the above table which is the most favorite pet for kids?

(a) Cats   (c) birds

(b) Fish   (d) dogs

49. A window frame in the shape of a rectangle is 90 centimeters long and 40 centimeters wide. What is the perimeter of the window frame?

(a) 320 cm   (c) 140 cm

(b) 280 cm   (d) 260 cm

50. There were 5 boys and 3 girls waiting in line to get an author's autograph. Each person in line had 2 books to be signed. How many books in all did the people in line have? Mark your answer.

(a) 10

(c) 6

(b) 16

(d) 30

Answers					

1.a 　　2. c 　　3. b 　　4. c 　　5. d 　　6. c

7. c 　　8. d 　　9. a 　　10. a 　　11. b 　　12. b

13. d 　　14. c 　　15. a 　　16. b 　　17. d 　　18. c

19. b 　　20. a 　　21. c 　　22. c 　　23. b 　　24. a

25. a 　　26. c 　　27. d 　　28. a 　　29. b 　　30. c

31. b 　　32. d 　　33. c 　　34. d 　　35. a 　　36. a

37. b 　　38. c 　　39. c 　　40. b 　　41. c 　　42. d

43. b 　　44. d 　　45. c 　　46. b 　　47. a 　　48. b

49. d 　　50. b