1. In 1987 Don was 29 years old. On the same day in 1997, how many years old is Don?

(a) 10   (b) 11   (c) 12   (d) 13

2. The cost of diesel is $3.29 a gallon. What is the cost of 33 gallons of diesel?

(a)108.59   (b)108.57   (c)108.56   (d)108.55

3. Give the following mixed number as a reduced fraction: 3 5/8

(a)30/8   (b)31/8   (c)32/8   (d)29/8

4. On day one, Mr Jhon walked for 3 hours 32 minutes. On day two, he walked for 6 hours 55 minutes and on the last day he walked for 2 hours and 33 minutes.How many total hours did he walk?

(a)10   (b)13   (c)16   (d)19

5. A book is having 70 pages, how many pages would eight and one-half books be havingf?

(a)565   (b)575   (c)585   (d)595

6. Mark has spent $34.26 on shoes and $74.26 on a skate board. After his purchases he had $18.26. What is the amount , in dollars, has he had when he started shopping?

(a)108.58   (b)108.56   (c)108.52   (d)108.51

7. An Institution charges $7.00 for adult tickets and $4.00 for student tickets to a play. The cost of the production of the play was $800. The drama club made $1140 after the cost of the production was deducted. How many student tickets were sold if 410 tickets were sold in all?
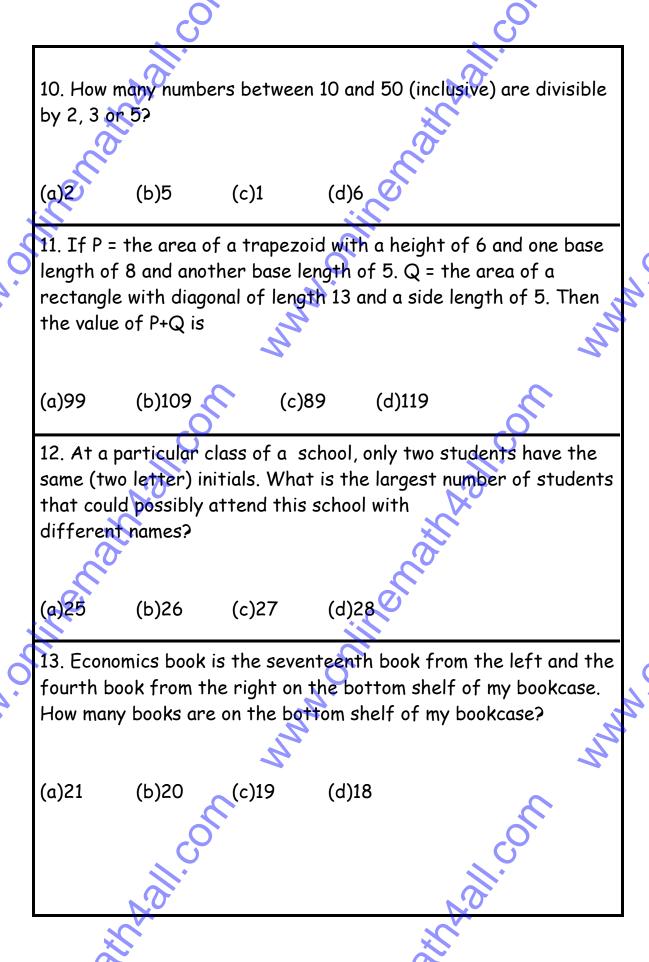
(a)110   (b)120   (c)130   (d)140
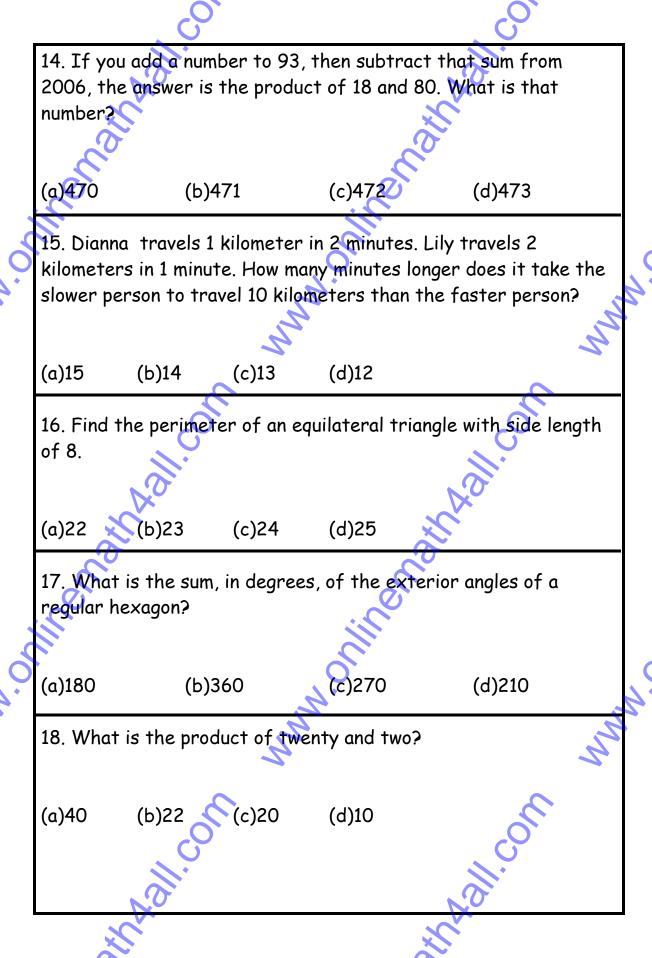
8. How many inetegers are there between the first first prime and first perfect square such that both are greater than 1
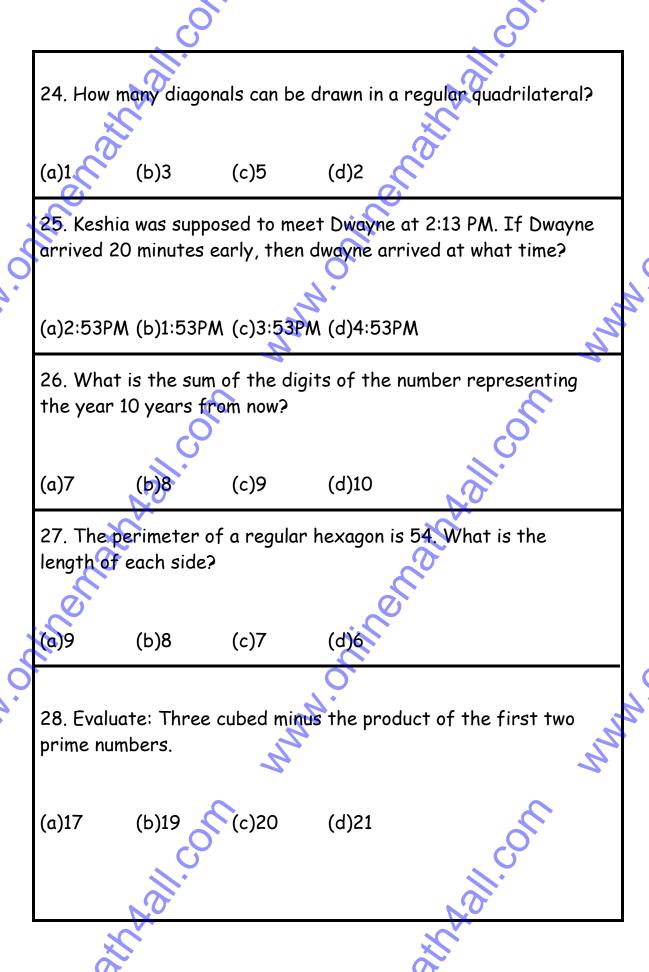
(a)1   (b)2   (c)3   (d)4

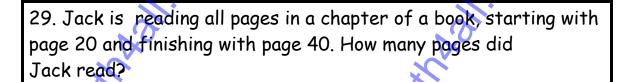9. Two numbers have a sum of 9 and a product of 20. What is the smallest of these two numbers?

(a)5   (b)4   (c)3   (d)2

10. How many numbers between 10 and 50 (inclusive) are divisible by 2, 3 or 5?

(a)2   (b)5   (c)1   (d)6

11. If P = the area of a trapezoid with a height of 6 and one base length of 8 and another base length of 5. Q = the area of a rectangle with diagonal of length 13 and a side length of 5. Then the value of P+Q is

(a)99   (b)109   (c)89   (d)119

12. At a particular class of a school, only two students have the same (two letter) initials. What is the largest number of students that could possibly attend this school with different names?

(a)25   (b)26   (c)27   (d)28

13. Economics book is the seventeenth book from the left and the fourth book from the right on the bottom shelf of my bookcase. How many books are on the bottom shelf of my bookcase?

(a)21   (b)20   (c)19   (d)18

14. If you add a number to 93, then subtract that sum from 2006, the answer is the product of 18 and 80. What is that number?

(a)470   (b)471   (c)472   (d)473

15. Dianna travels 1 kilometer in 2 minutes. Lily travels 2 kilometers in 1 minute. How many minutes longer does it take the slower person to travel 10 kilometers than the faster person?

(a)15   (b)14   (c)13   (d)12

16. Find the perimeter of an equilateral triangle with side length of 8.

(a)22   (b)23   (c)24   (d)25

17. What is the sum, in degrees, of the exterior angles of a regular hexagon?

(a)180   (b)360   (c)270   (d)210

18. What is the product of twenty and two?

(a)40   (b)22   (c)20   (d)10

19. How many positive numbers less than forty are divisible by seven?

(a)7   (b)6   (c)5   (d)4

20. What is the smallest integer greater than the square root of 110?

(a)12   (b)13   (c)11   (d)15

21. How many perfect squares are between 10 and 103?

(a)7   (b)8   (c)9   (d)10

22. A wood of length 12 is cut into 3 pieces of equal length.What is the sum of the lengths of the three pieces?

(a)12   (b)11   (c)10   (d)9

23. If it is rolled a regular 6-sided die two times, what is the probability that the roll having the same number?

(a)5/6   (b)1/6   (c)7/6   (d)2/3

24. How many diagonals can be drawn in a regular quadrilateral?

(a)1   (b)3   (c)5   (d)2

25. Keshia was supposed to meet Dwayne at 2:13 PM. If Dwayne arrived 20 minutes early, then dwayne arrived at what time?

(a)2:53PM (b)1:53PM (c)3:53PM (d)4:53PM

26. What is the sum of the digits of the number representing the year 10 years from now?

(a)7   (b)8   (c)9   (d)10

27. The perimeter of a regular hexagon is 54. What is the length of each side?

(a)9   (b)8   (c)7   (d)6

28. Evaluate: Three cubed minus the product of the first two prime numbers.

(a)17   (b)19   (c)20   (d)21

29. Jack is reading all pages in a chapter of a book, starting with page 20 and finishing with page 40. How many pages did Jack read?

(a)21   (b)20   (c)18   (d)16

30. If today were Monday, the day after tomorrow would be what day?

(a)Tuesday (b) Saturday   (c) Wednesday (d) Sunday

31. Find the value of : 1 + 11 + 111 + 1111

(a)1238   (b)1134   (c)1130   (d)1234

32. What is one thousand nine hundred ninety rounded to the nearest hundred?

(a)2000   (b)1900   (c)3000   (d)1800

33. What is the greatest common factor of 24 and 30?

(a)3   (b)4   (c)5   (d)6

34. What quadrant is the point 8 comma 2 located?

(a)First   (b)Second (c)Third   (d)Fourth

35. How many positive numbers less than twenty are divisible by 3?

(a)5   (b)6   (c)7   (d)8

36. What is the square root of 625?

(a)5   (b)15   (c)25   (d)35

37. Find the result after 20 is divided by 1/2 and 10 is added to the quotient.

(a)45   (b)50   (c)55   (d)60

38. Find the hypotenuse of a right triangle if the two legs are 5 and 12?

(a)10   (b)11   (c)12   (d)13

39. A Iron rod of length 12 is cut into 3 pieces of equal length. What is the sum of the lengths of the two pieces?

(a)3   (b)12   (c)8   (d)9

40. What day of the week will it be twenty days from next Saturday?

(a)Friday   (b)Sunday (c)Thursday   (d) Saturday

41. How many times is the digit 2 used in the numbers 1 through 20, including 1 and 20?

(a)1   (b)2   (c)3   (d)4

42. The value of 4 factorial is ?

(a)21   (b)22   (c)23   (d)24

43. In how many different ways can the letters in the word CLOCK be arranged?

(a)62   (b)61   (c)58   (d)60

44. The average of two numbers is 8 and their product is 55. What is the larger of the two numbers?

(a)11   (b)12   (c)5   (d)6

45. The perimeter of a regular hexagon is 36. What is the length of each side?

(a)3   (b)4   (c)5   (d)6

46. A line and a circle are drawn on a piece of paper so that the line passes through the center of the circle. How many times does the line intersect the circle?

(a)1   (b)2   (c)3   (d)4

47. A certain tree trunk splits into three large branches. Each large branch splits into four small branches. Each small branch splits into five twigs. What is the total number of twigs on this tree?

(a)60   (b)31   (c)32   (d)62

48. Find the sum of the three angles of any triangle.

(a)182   (b)181   (c)180   (d)179

49. If ABC is a right triangle , angle A =50, angle B = 40, the n what is the angle C

(a)90   (b)91   (c)92   (d)93

50. The average of the two numbers is 5 and one of the numbers is 6.What is the other number?

(a)1   (b)2   (c)3   (d)4

Answers

1.a	2.b	3.d	4.b	5.d	6.c
7.a	8.a	9.b	10.c	11.a	12.c
3.b	14.d	15.a	16.c	17.b	18.a
19.c	20.c	21.a	22.a	23. b	24.d
25.b	26.c	27.a	28.d	29.a	30.c
31.d	32.a	33.d	34.a	35.b	36.c
37.b	38.d	39.c	40.a	41.c	42.d
43.d	44.a	45.d	46.b	47.a	48.c
49.a	50.d				