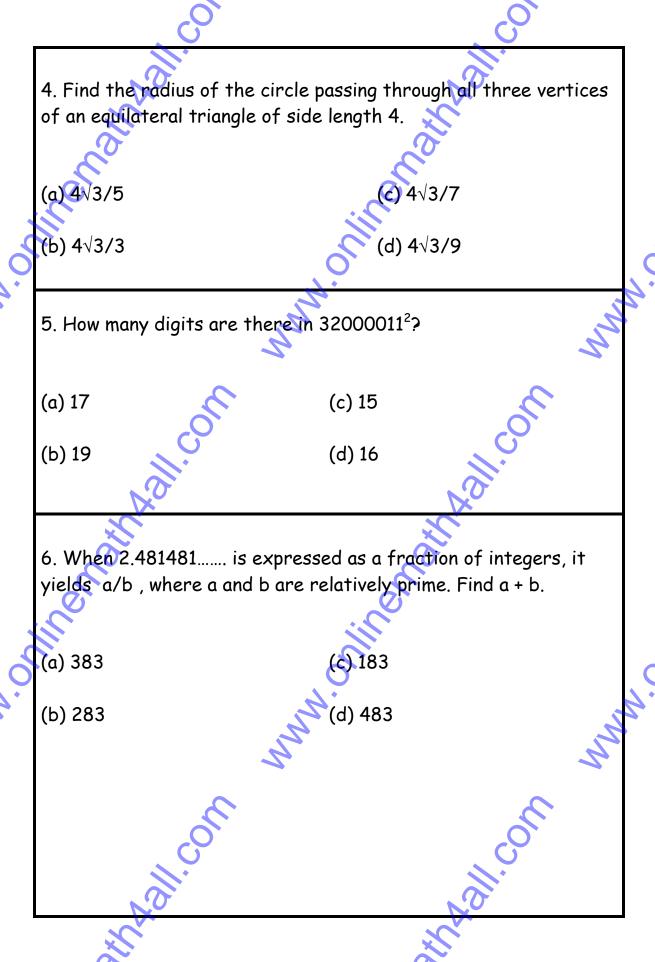
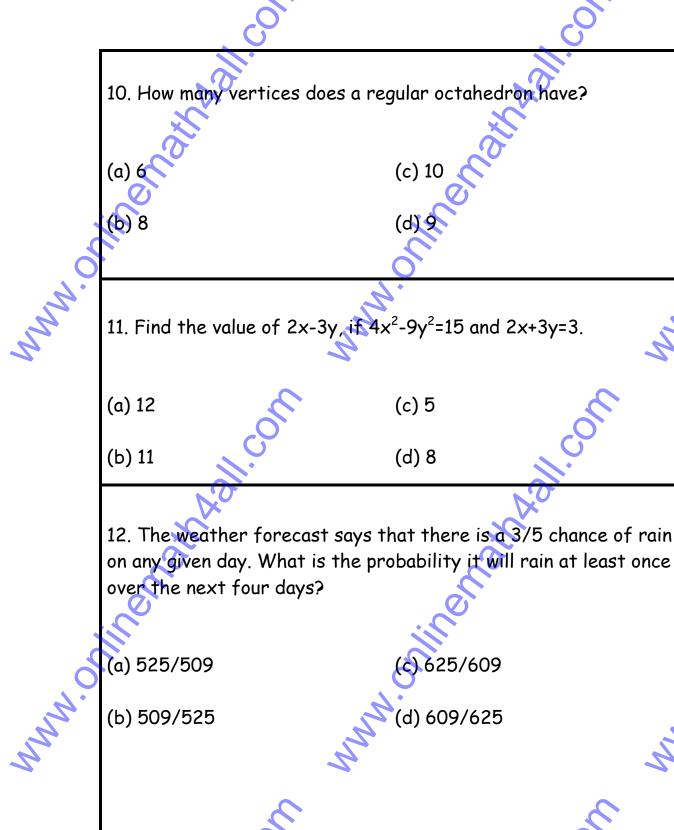
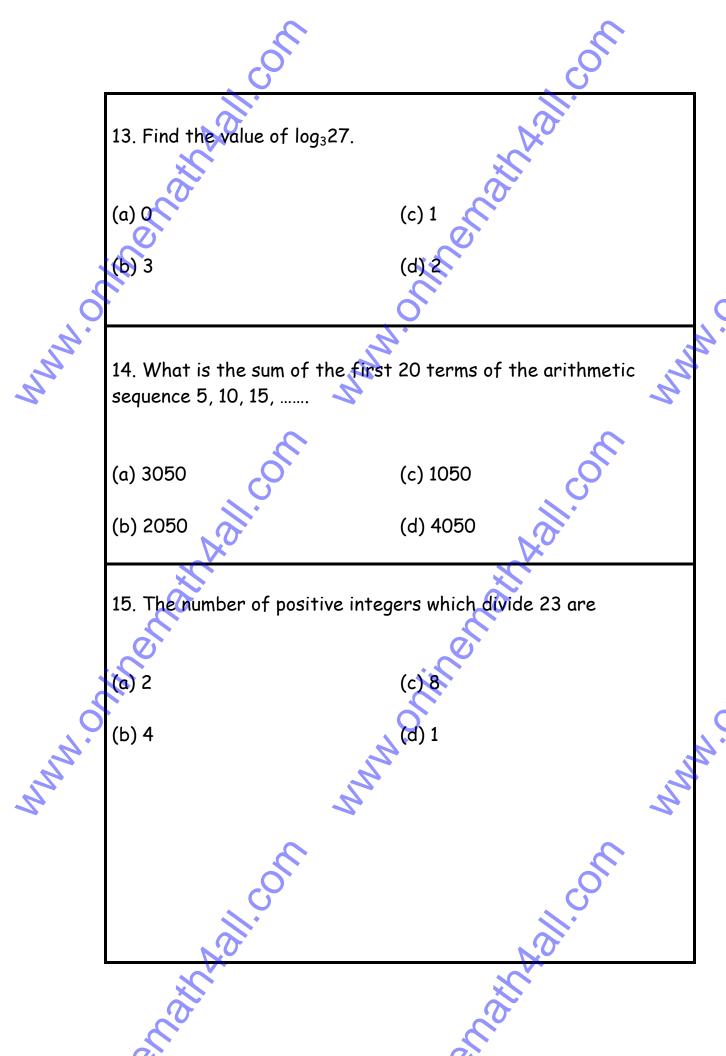
	com		COM	
	1. A palindrome is a num backward. For example, 1212 and 2010 are not. I start with 5 are palindro (a) 190	987656789, 66, 9 are low many odd five-digi	palindromes, but	A COMMITTER OF THE PARTY OF THE
Why.	(b) 100	(d) 10	M	1
	2. If the area of a squar square's perimeter, the	· · · · · · · · · · · · · · · · · · ·		
	(a) 46	(c) 36	No.	
	(b) 56 O	(d) 86		
	3. Find the number of z	zeroes at the end of 20	10!	A CHO CHILO
MAN, O	(a) 501	(c) 555	N.	7
	(b) 601			
	(b) 601		Nall. off	8



	COM		COLL	
	7. Michael has four children we their ages is 7, find the sum		f the product of	
	(a) 9 (b) 5	(c) 10		
INN,		(d) 6	N. Committee of the com	0.
7	8. Let us consider ten boxes balls. James finds that among defective Poke balls which we balls. James has a digital scal the Poke balls, either one or number of weighing with which	g them is one box co eigh one gram less t le which can measur many at a time. Finc	ontaining han normal Poke e the mass of I the least	
	box.	(c) 2 COIL		2)
		(c) 2 (d) 1		
My.	9. What is the remainder whe	en 2 ²⁷ divided by 9	h	7.
	(a) 7 (b) 2	(c) 6 (d) 8		
	XIV OII.		O.	





	COM	COM	
	16. Find the value of (-2009)x(-	2008)×,,,,,,,2008×2009 .	
	(a) -2008	(c) 2009	
	(b) -2009	(d) 0	Olinor
ZZZ,	17. James, Dayne, and Kevin each	h have x buttons. james gives 12 less than twice the number of	7.
7	buttons James has. Kevin then g has 20 buttons more than Kevin buttons to James, who now has	·	
	Kevin. How many buttons does D		
	(a) 52	(c) 58	
	(b) 420	(d) 82	
		is from centre to circumference erimeter of the circle?	Offin
MM,	(a) 22	(c) 11	M. Collinson
	(b) 44	(d) 88	

19. While trying to calculate the sum 21 + 22 + 23 + 24 + 25 + 26 + 27 + 28 + 29, Cameroon forgets to take into account one plus sign, getting 2601 as his result. If he forgot the plus sign between 2a and 2b (where a and b are the ones digit of the two digit number), find a + b where a and b are consecutive integers between 1 and 9 inclusive.

(a) 9

(c) 11

(b) 13

(d) 12

20. A polynomial of fourth degree passes through the points (0; 0), (1; 0), (2; 0), (3; 0) and (4,1) What is the value of the polynomial at x = 5?

(a) 3

(c) 5

(b) 7

(d) 1

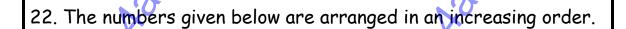
21. Let $2n^2$ -16 be a prime. Find all integer values for "n".

(a) 1, -1

(c) 2, -2

(b) 2, -3

(d) 3, -3



$$2^{\frac{1}{222}}, 3^{\frac{1}{333}}, 4^{\frac{1}{444}}, \text{ and } 5^{\frac{1}{555}}$$

The second and third number on this list are x and y. Find $log_x y$.

(a) 4

(c)2

(b) 1

(d) 3

23. Find the smallest integer such that 16,000 can be multiplied by to get a number with 10 zeros at the end?

(a) 625000

(c) 425000

(b) 825000

(d) none of these

24. x,y and z are real numbers satisfying the equation below

$$\frac{|x-y|}{2} + \sqrt{|2y+z|} + z^2 - z + \frac{1}{4} = 0$$

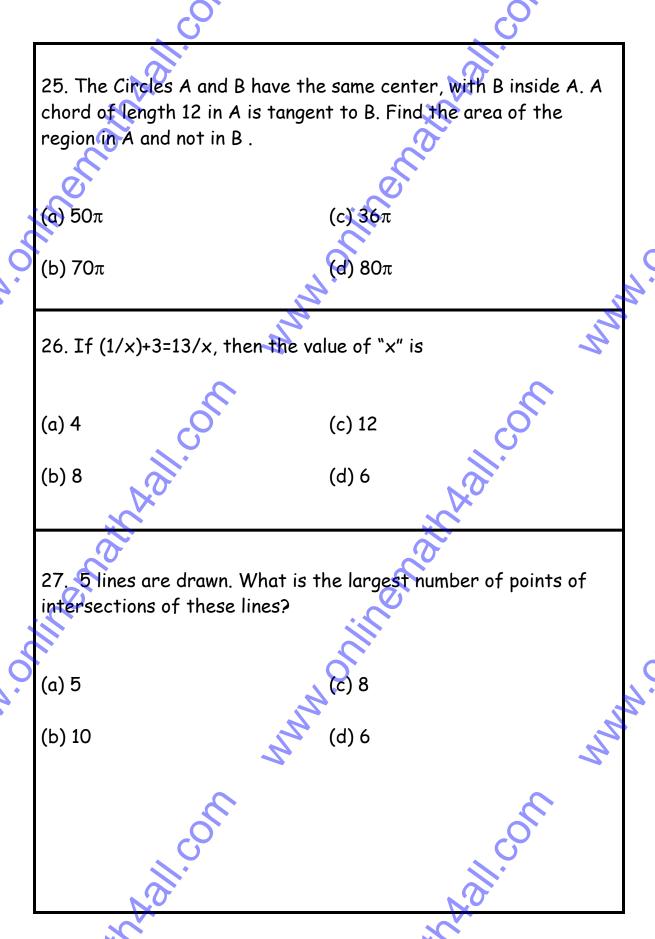
Then, find the value of $(y+z)^x$

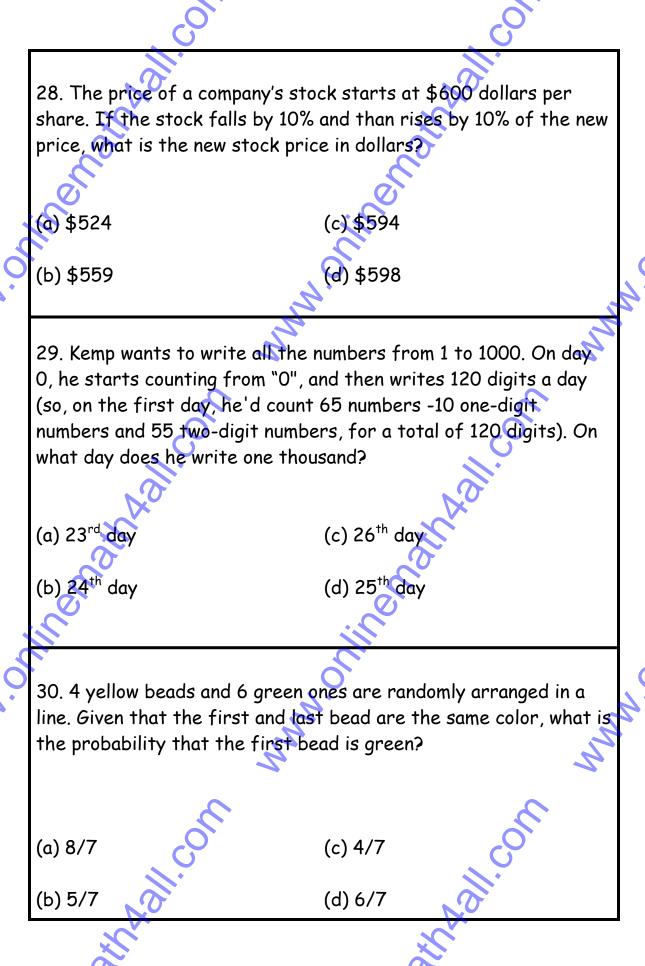
(a) √2

(c) 2

(b) 0

(d) 4







$$\frac{i^{2010}}{i^{2008}} + \frac{i^{2009}}{i^{2008}}$$
, where $i = \sqrt{-1}$.

-1+i or -1-i

(c) 1+i or 1-i

(b) 1

32. Find the number of solutions to 7x + y = 2010, where x and y are positive integers are positive integers.

(a) 240

(c) 287

(b) 264

(d) 250

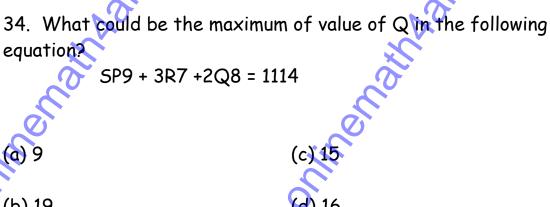
33. The time is now 2:28 PM. In an analog clock, the hour hand and the minute hand will make an angle of 180 degrees in xminutes, where $oldsymbol{x}$ is positive and as small as possible. Find $oldsymbol{x}$

(a) 171/11

(c) 170/11

(b) 169/11

(d) 172/11



(d) 16

White Co. 35. Simplify: 5793405 x 9999

(a) 624673750

(c) 524673750

(b) 724673750

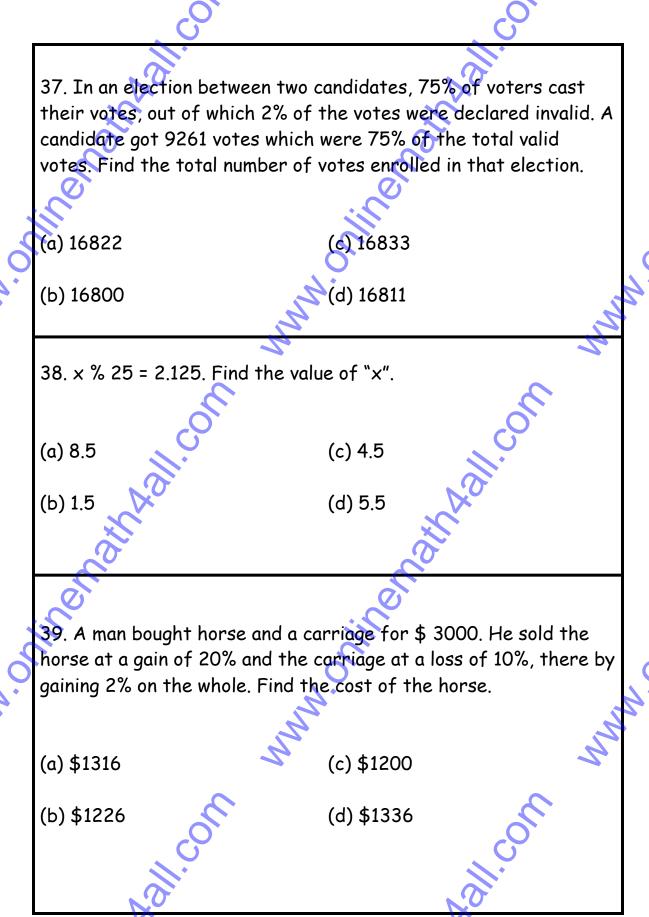
(d) 824673750

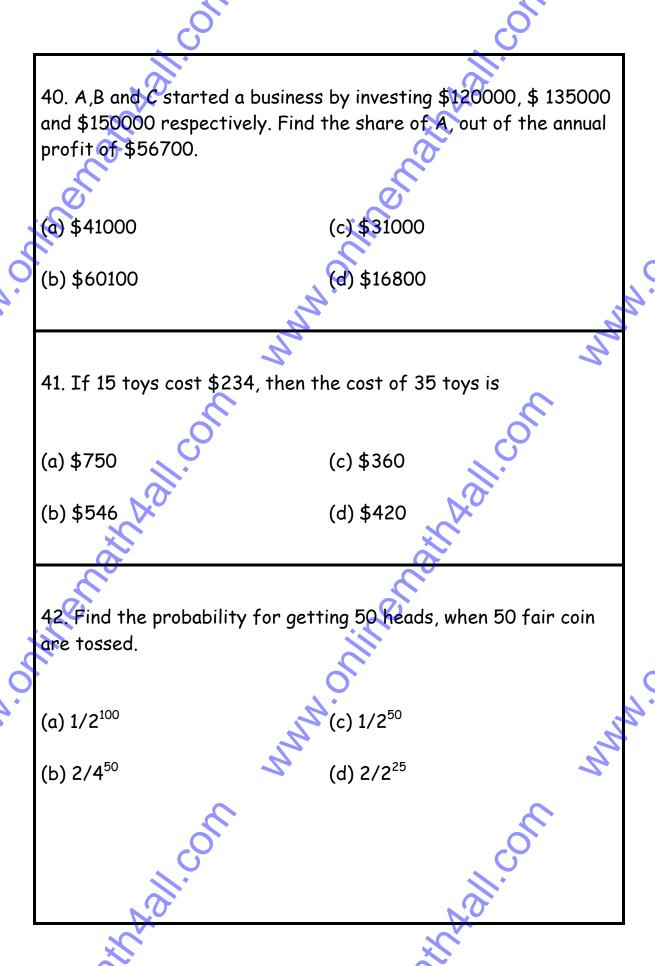
36. Find the H.C.F of 513, 1134, and 1215.

(a) 21

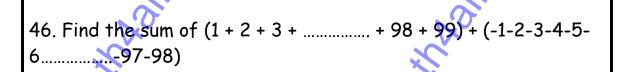
(c) 28

(b) 24





	com	COLL	
		rs to do a job. Worker B takes 10 hour ong should it take both A and B, workin y, to do the same job?	
	(a) 40/9 days	(c) 30/8 days	inot
INNO.	(b) 50/9 days	(d) 25/11 days	201
M	the rectangle. One of the by the wall of his house. I	ce his garden which is in the shape of longest sides of the garden is covered f the width is 5 meter and length is 8 of fencing does he have to do to cover	
	(a) 21 meter	(c) 26 meter	
	(b) 16 meter	(d) 18 meter	
Mul O.		is running at the speed of 30 km/hr. e train to pass a man standing near the	A ONLOW
7	(a) 43 seconds	(c) 12 seconds	
	(b) 48 seconds	(d) 15 seconds	



(a) 99

(c) 100

(b) 300

(d) 310

47. Find the simple interest on \$ 68000 at the rate of (50/3)% per annum for nine months.

(a) \$7800

(c) \$3600

(b) \$2400

(d) \$8500

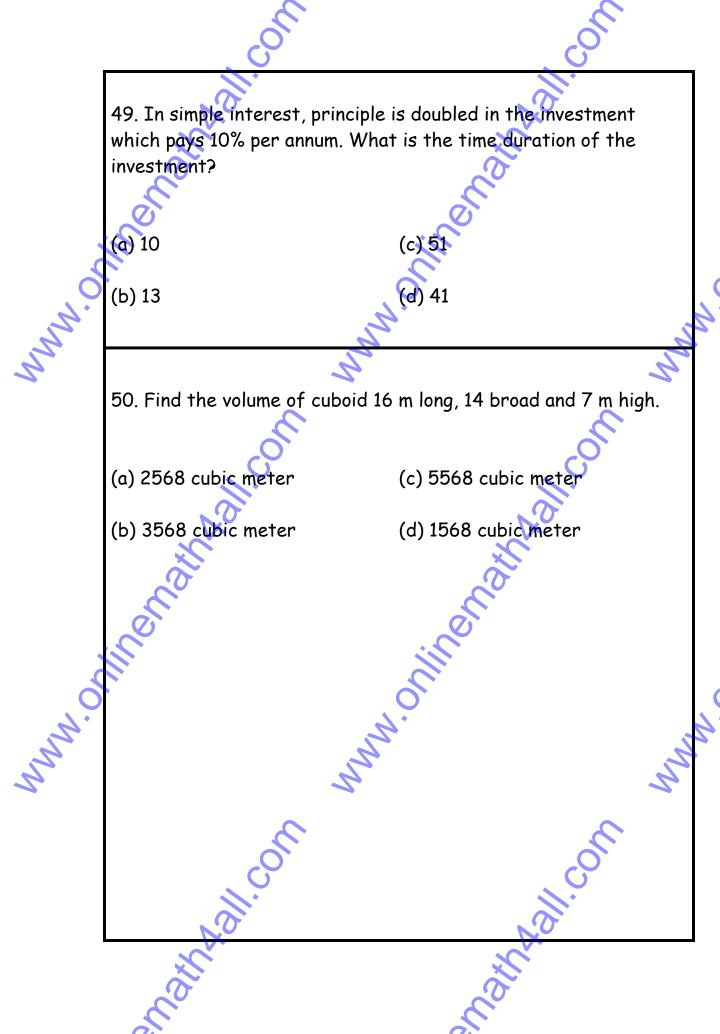
48. Find compound interest on \$ 7500 at the arte of 4% per annum for two years, compounded annually.

(a) \$660

(c) \$330

(b) \$612

(d) \$240



						on		
	Answers	NO.			XX AS			
	1. b	2. c	3. a 9. d 15. a	4. b	5. d	6. a		. Onlino.
ANNA O	7. c	8. d	9. d	10. a	11. c	12. d		0.
MA	13. b	14. c	15. a	16. d	17. c	18. b	N	
		20. c	21. d	22. b		24. a		
	25. c	20. c 26. a	27. b	28. c	29. d	30. b		
	31. a	32. c	33. d	34. a	3 5. c	36. d		
MAN O.	37 . b	38. a	33. d 39. c 45. c	40. d	41. b	42. c		
MA	43. α	44. d	45. c	46. a	47. d	48. b	NA	
	49. a	50. d				011		
		50. d				<u>ي</u>		
		<u> </u>						