

2. A rectangle has a perimeter of eighty inches. The length is three times the width. Find the area of the rectangle, in square inches.

(a) 200 sq.inches

(c) 300 sq.inches

(b) 250 sq.inches

(d) 350 sq.inches

3. If all the aces are removed from a standard deck of Cards, find the probability of drawing a club from the remaining deck of cards, and then rolling an even number on a standard cubical die.

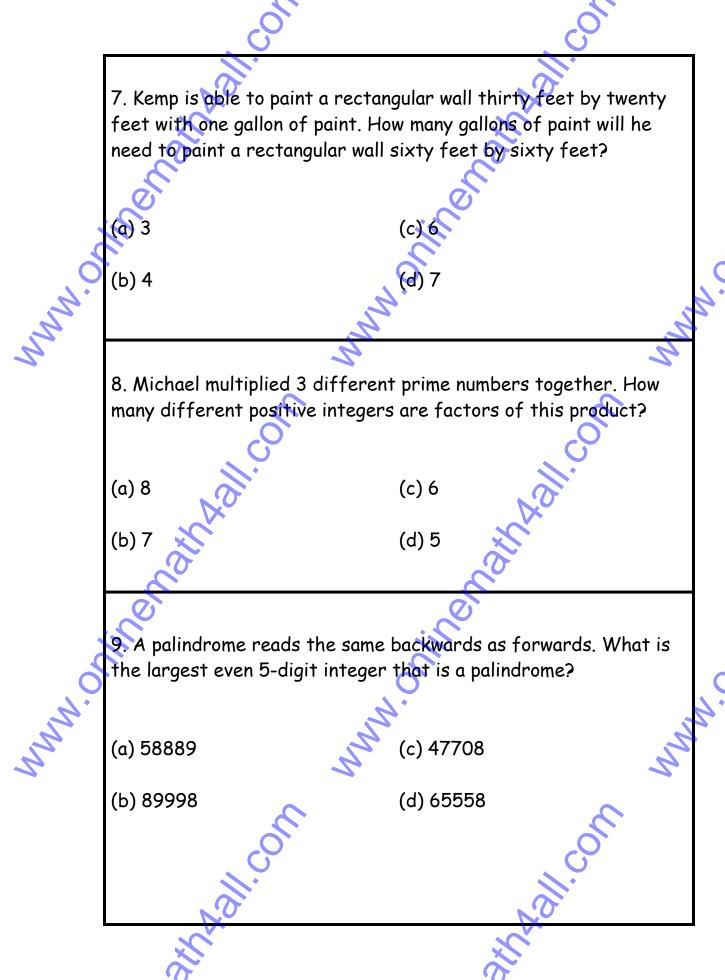
(a) 1/2

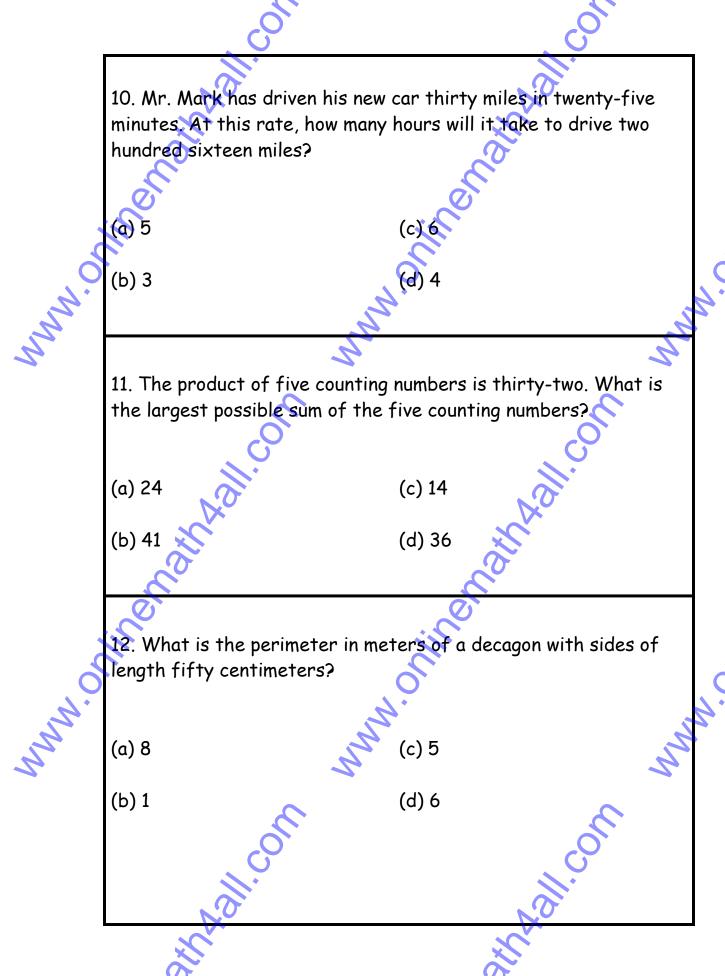
(c) 1/6

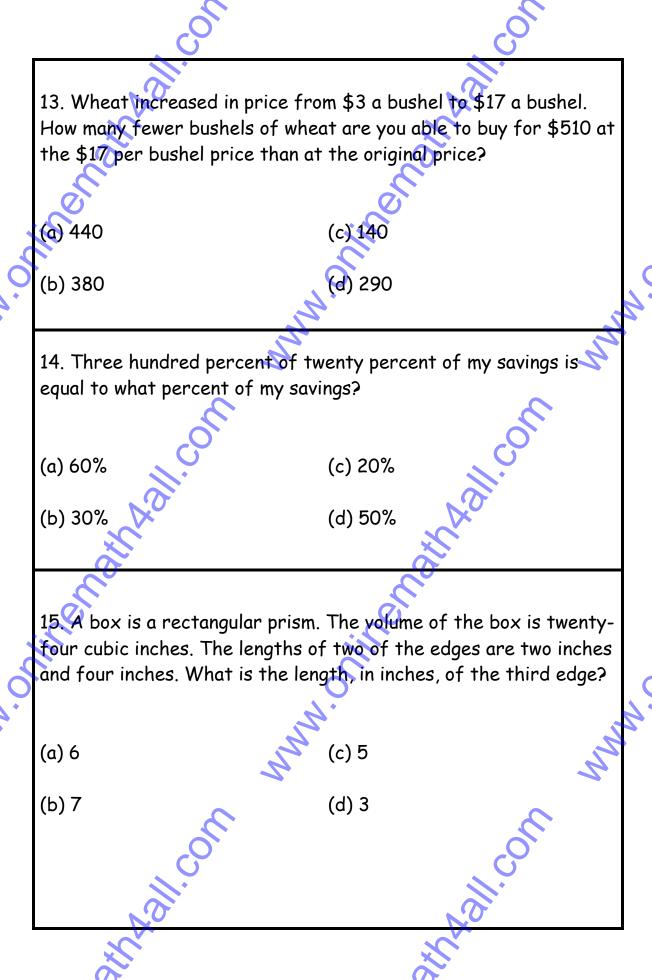
(b) 1/8

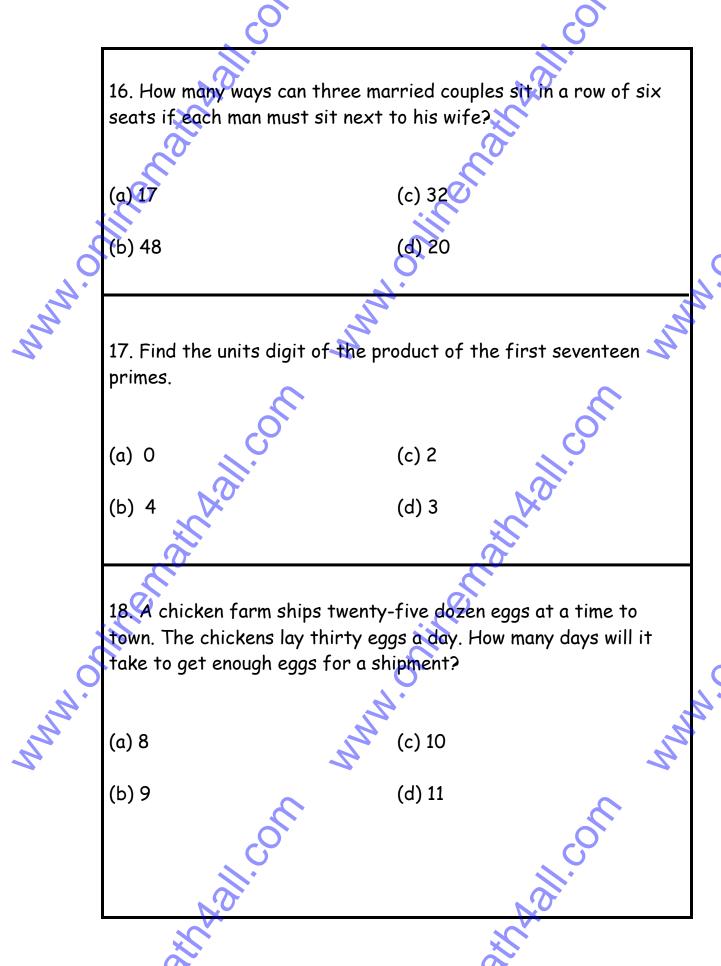
(d) 1/7

	COM	COM	
	4. Find the maximum number drawn in a convex quadrilater	of triangles that can be ral by only connecting vertices.	
	(a) 8	(c) 6	Johnson
Why.	(b) 7 5. When counting by sevens s		12/2/2
7	Two digit flambers would you		7
	(a) 25 (b) 40	(d) 13	
	or dimes. The coins had a total	s pocket that were either nickels al value of fifty-five cents. If	THE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OFFIC
MAN .	Alex spent all his nickels, how left?	(c) 25	
N		(4) 15	N'
	(b) 40		



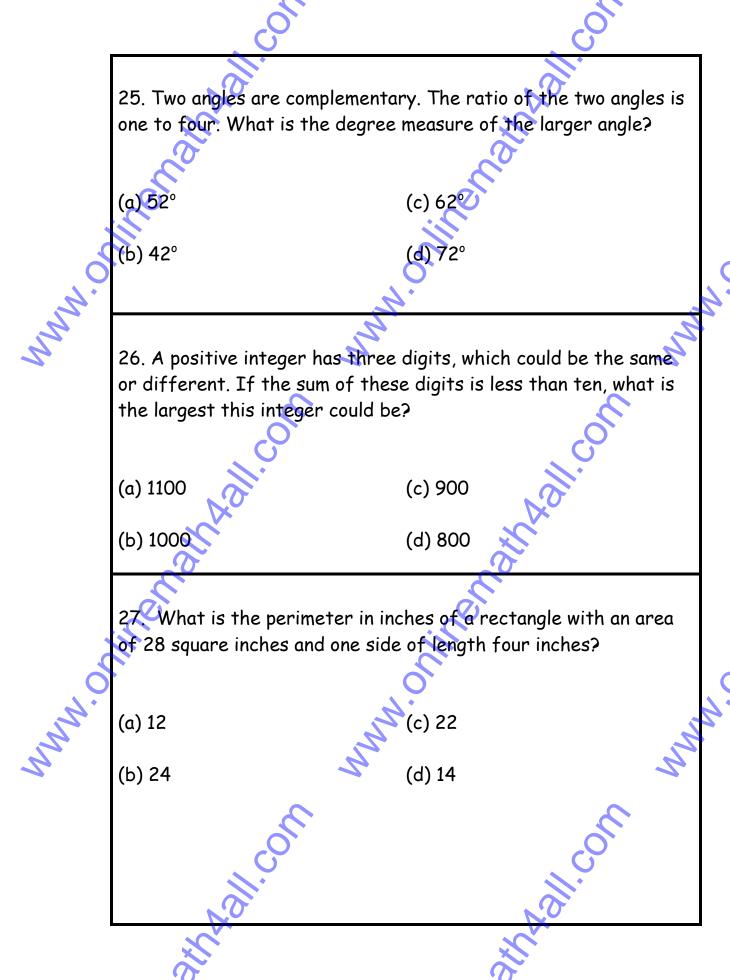


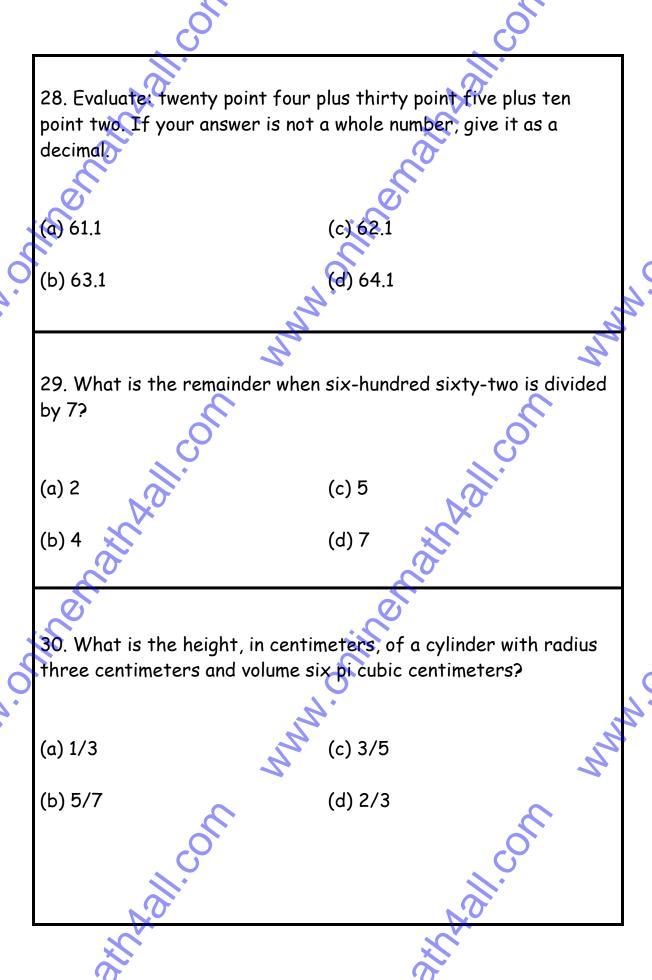


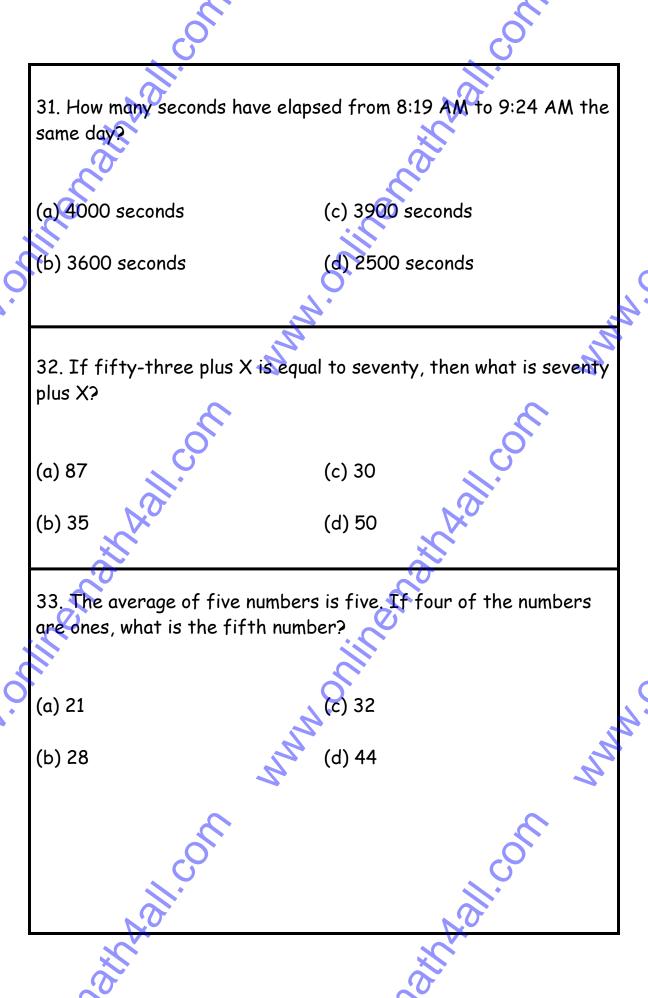


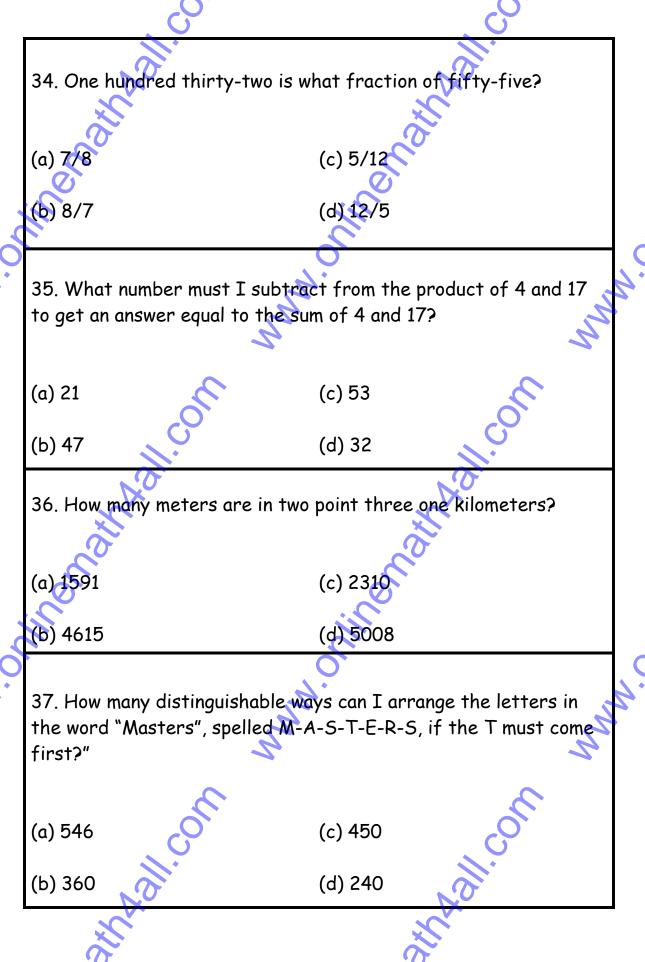
	COM		5017
	19. How many integers from have at least one digit that i		
	(a) 10	(c) 12	ofilial
WAY.	(b) 9	(d) 14	OCIL
		4	
2"	20. When Ronald drove his c were paid at a rate of forty- June he got a check for one	-five cents per mile. For	the month of
	cents to pay his car mileage did Ronald drive as part of h		many miles
	(a) 250	(c) 260	
	(b) 255	(d) 265	inches,
MAN,	21. The area of a certain square is half the perimeter of the the number of inches in the	square, measured in inch	ies. What is
	(a) 6	(c) 7	
	(a) 6 (b) 8	(c) 7 (d) 9	•

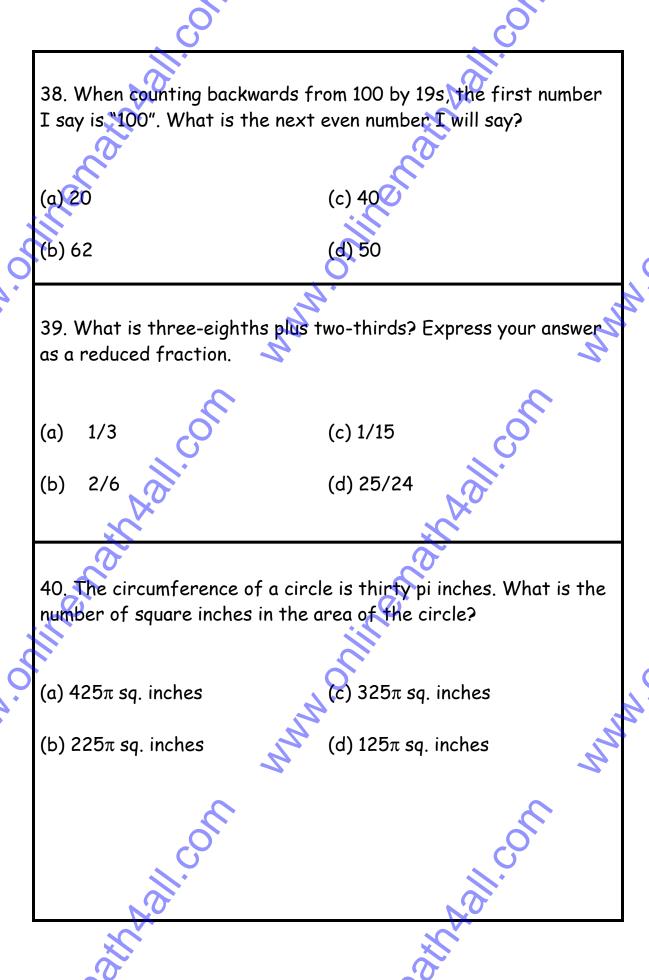
	CONT	COLL	
	the other number could be? (a) 9	ers is fifteen, what is the smallest	M. Clinol
n	23. At the yearly Math Retreat	r, one thousand five hundred ach test writer wrote an average	
	(a) 52 (b) 15	(c) 24 (d) 36	
MAN,	24. When the fraction twenty-s what is the sum of the reduced	seven over thirty-six is simplified, numerator and denominator?	M. Cillor
		(6) 5	
	(b) 3	(d) 7	





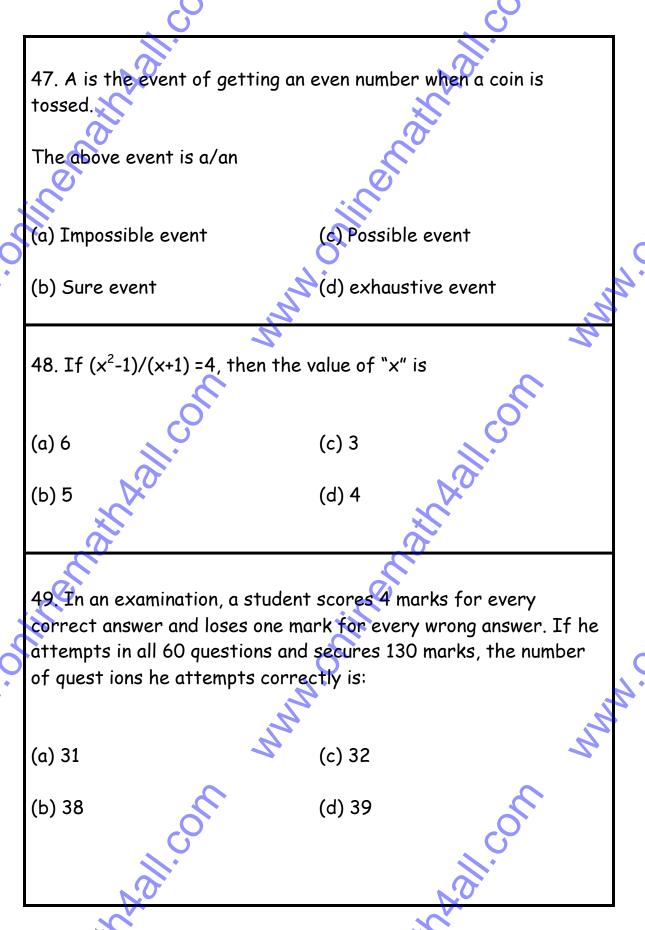


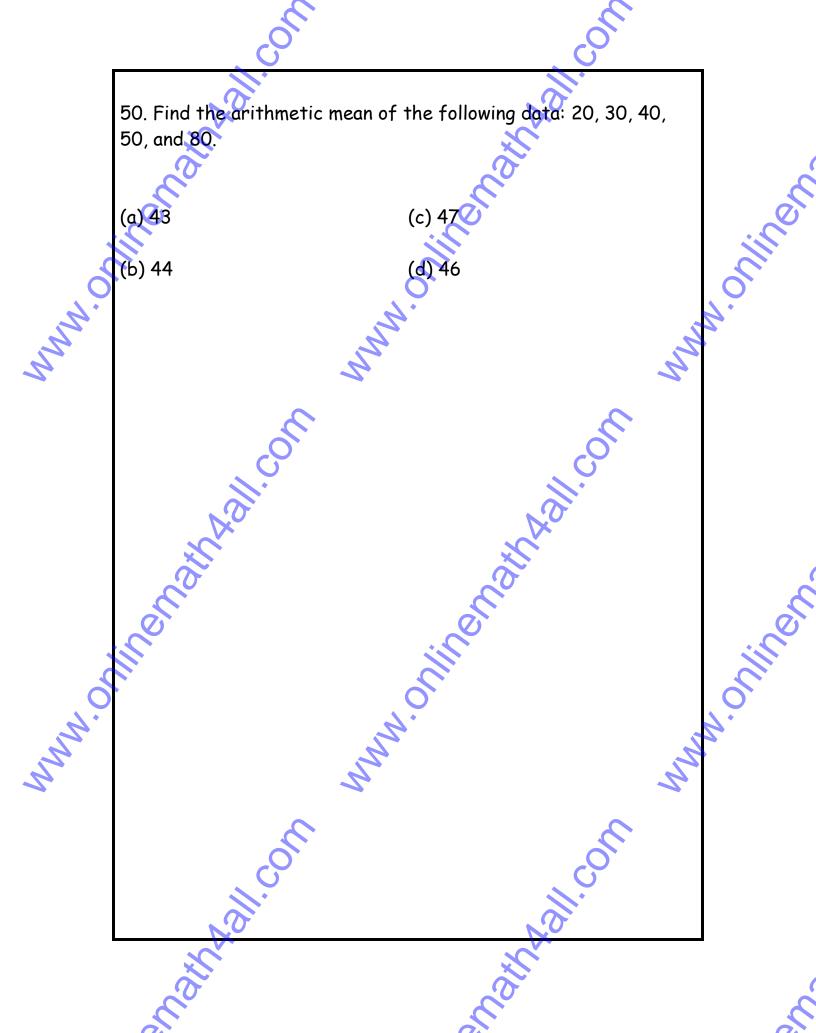




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	41. A number when divided by 342 gives a remainder 47. When the same number is divided by 19, what would be the remainder?	
	(a) 9 (c) 11 (c)	inol
70.	(b) 10 (d) 12	100
MM	42. A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds, all starting at the same point. After what time will they meet again at the starting point.	
	(a) 26 minutes 12 seconds (c) 46 minutes 12 seconds	
	(b) 16 minutes 12 seconds (d) 36 minutes 12 seconds	
hunioni	43. The price of commodity X increases by 40 cents every year, while the price of commodity Y increases by 15 cents every year. If in 2001, the price of commodity X was \$4.20 and that of Y was \$6.30, in which year commodity X will cost 40 cents more than the commodity Y?	N. Cliffold
	(a) 2011 (c) 2009	
	(b) 2010 (d) 2008	
'		

	CONT	COLL		
	of short division. He divided 13 (factors of 585) and got	585, a student employed the method d the number successively by 5, 9 and t the remainders 4, 8 and 12. If he had , the remainder would have been:		
25.	(a) 585	(c) 583		
NAN,	(b) 584	(d) 582	42	
M	45 A to il on hor 27 5 months			
		es of cloth. And he has to make 8 oth. How many pieces can he make out		
	(a) 150	(c) 250		
	(b) 200	(d) 300	8	
	O CO		Cilifold	
hunio	46. A train starts full of passengers. At the first station, it drops one-third of the passengers and takes 280 more. At the second station, it drops one half of the new total and takes 12 more. On arriving at the third station, it is found to have 248 passengers. Find the number of passengers in the beginning.			
	(a) 210	(c) 288		
	(b) 230	(d) 261		





		, co				on		
	Answers	Ao			XXX			
	1. a	2. c	3. b 9. b 15. d	4.a	5.d	6.b		
MANA O.	7. c	8. a	9. b	10. b	11. d	12. c		
MA	13. c	14. a	15. d	16. b	17. a	18. c	N	
		20. a	21. b	22. a	23. c	24. d		
	25. d		27. c	28. α	29. b	30. d		
	31. c	32. a	33. а	34. d	3 5. b	36. c		and the second
MAN O.	37. c	38.b	39. d	40. b	35. b 41. a 47. a	42. c		
MAN	43. α	44. b	45. d	46. c	47. a	48.b	N	
	49. b	50. b				011		
		50. b			No N	<u>ي</u>		
					ON			