

(a) 5

(b) 7

Why or 2. If Jonathan is 23 years old and Sarina is 5 years older than him. Then what is the age of Sarina

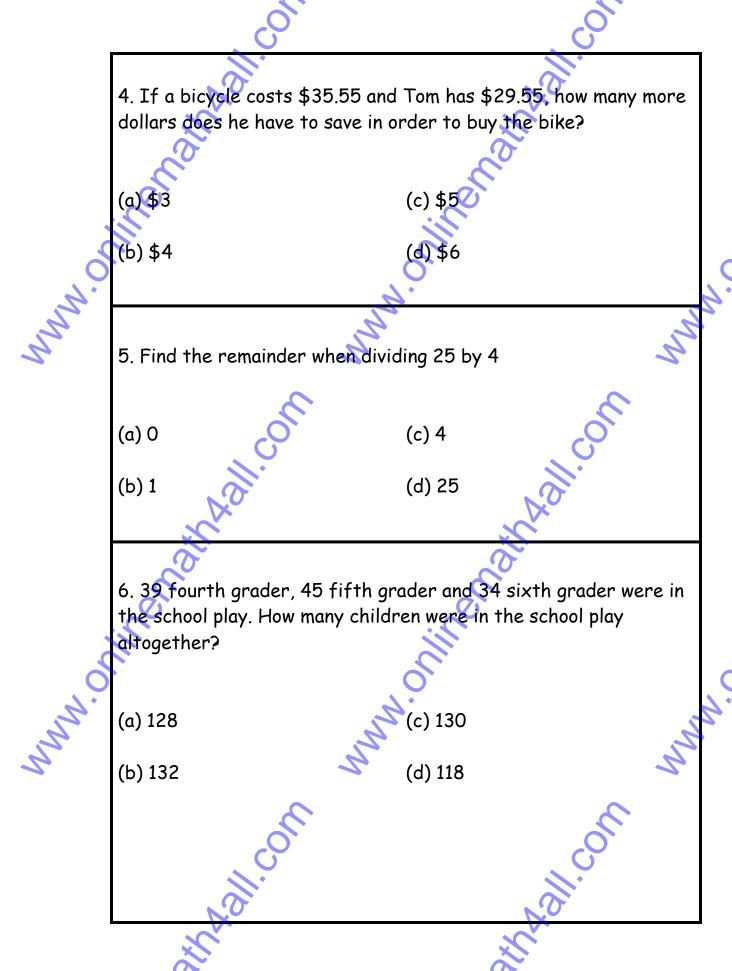
> (c) 68 (a) 58

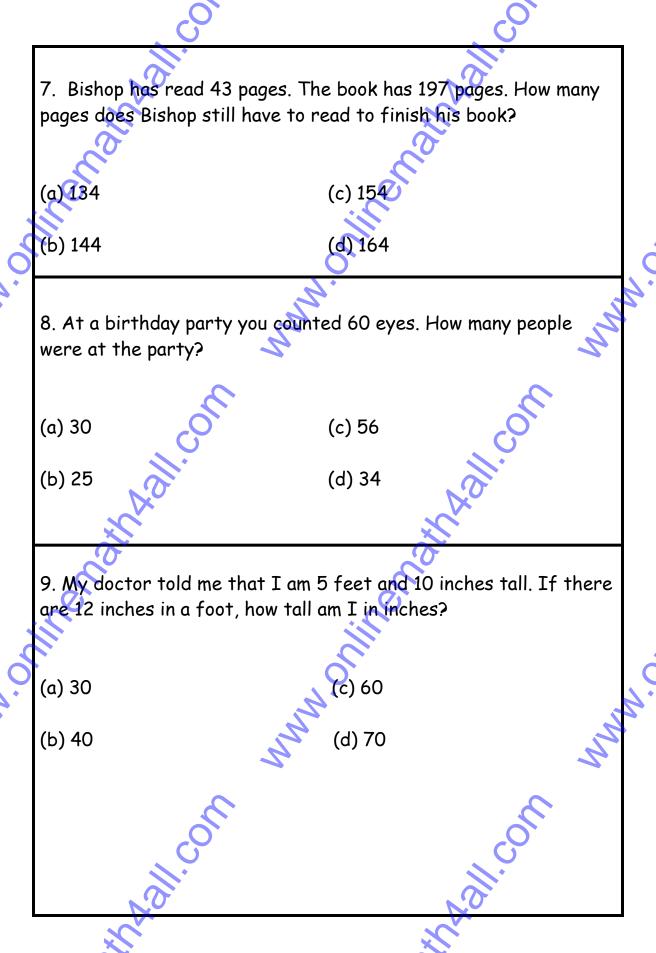
> (b) 28 (d) 88

3. Compute 1.123 + 1.01 + 0.1111.

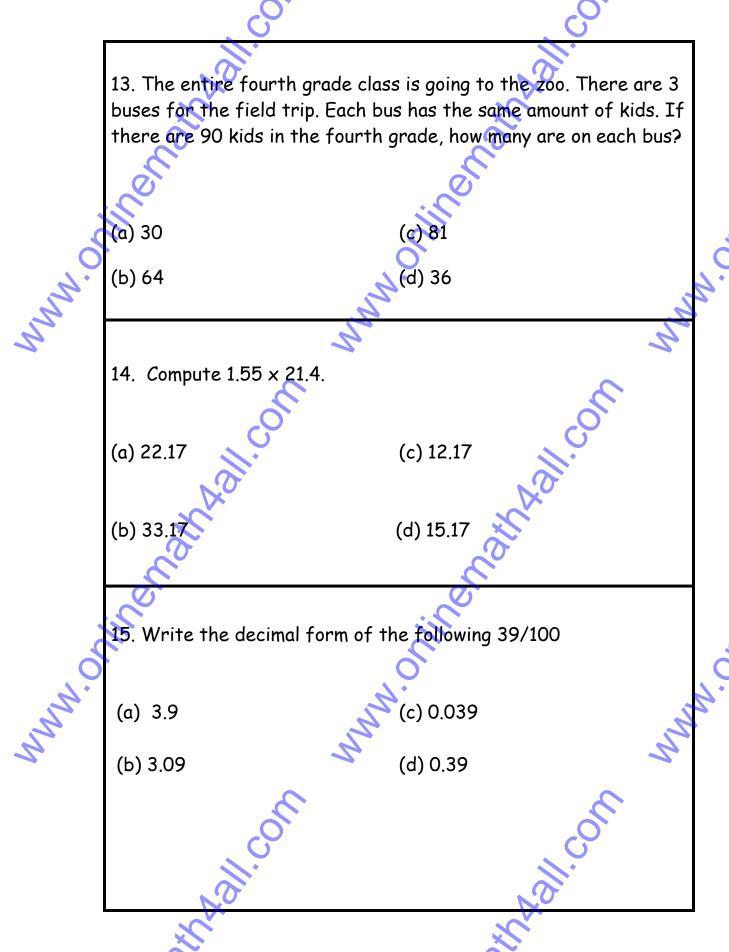
(c) 1.441 (d) 4.441 (a) 2.2441

(b) 3.2441

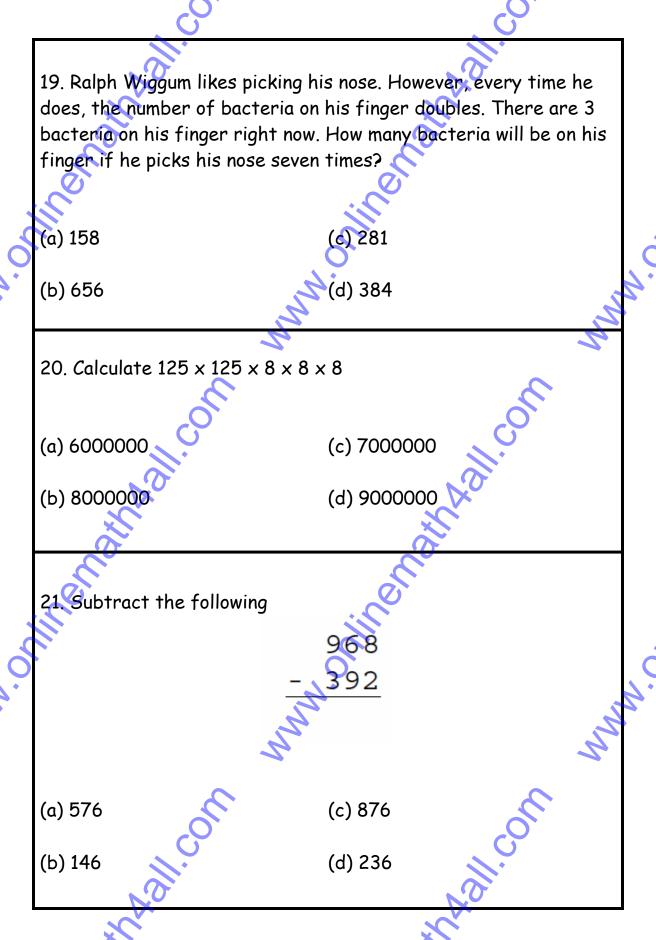


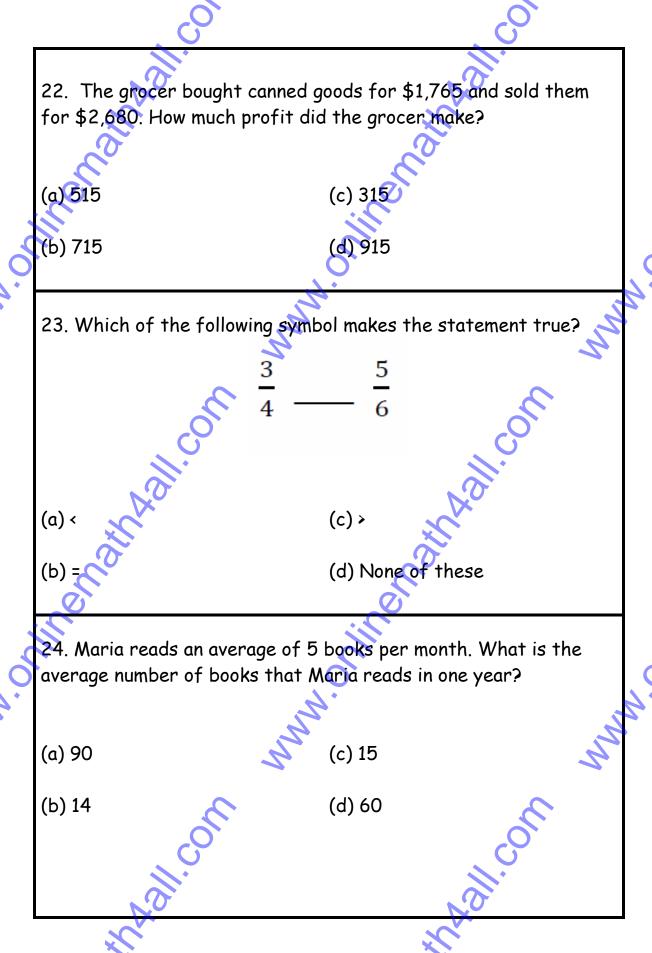


	com		COM	
	10. What is the sum of th	ne first six positive od	d numbers?	
				2
	(a) 49	(c) 91		
	(b) 64	(d) 36		GO IIIO
MAN	11. My favorite number is I can multiply by 7 to obt		ecial number that	4
	(a) 149	(c) 191	COM	
	(b) 164	(d) 136		
	12. Lily stocked 8 library shelf held 14 reference b place on the library shelv	oooks. How many referes?	e books. Each ence books did lily	A COMMITTER OF THE PARTY OF THE
Mullion.	(a) 149	(c) 181 (d) 144		10.
n	(b) 112	(d) 144	The state of the s	
	Caithall.off			
	Collina			

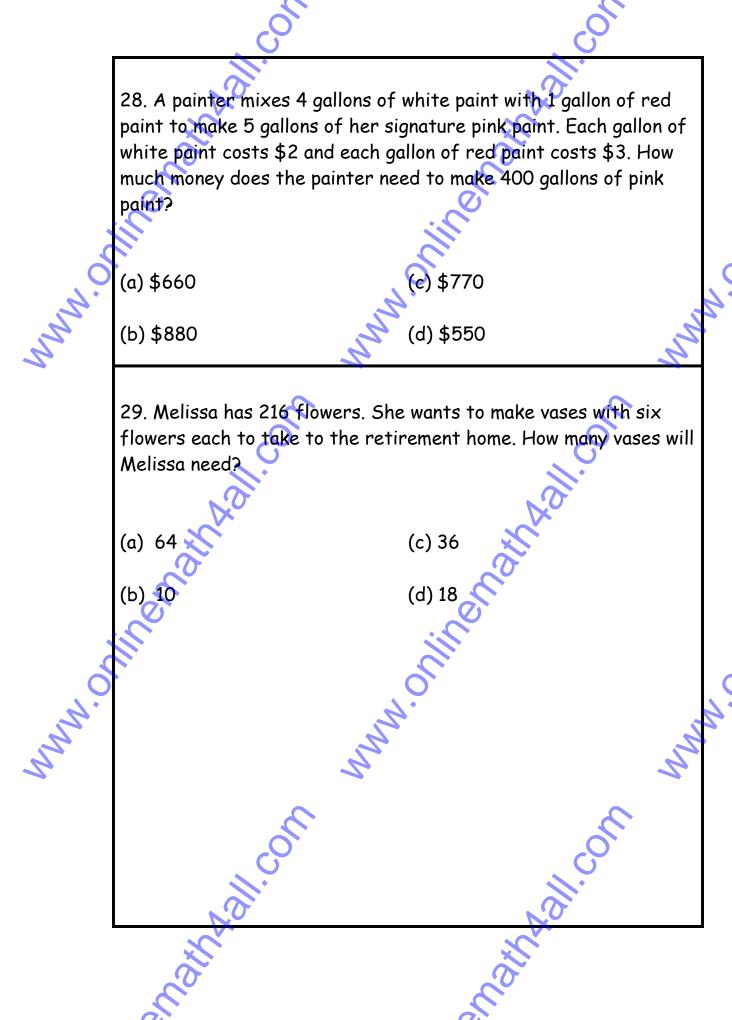


	COLL	COLL	
	double (2 bases), one triple (3	e hits three singles (1 base), one 3 bases), and one home run (4 bases es did Charlie average per hit?	es).
WWW.	(a) 2 (b) 1	(c) 3 (d) 0	A ORINO
	17. Write the lowest form of (a) 2/15	the fraction 35/50 (c) 7/10	
	(b) 1 /10	(d) 7/15	
MAN O.	problems in 1.5 hours. He mad night playing computer games	petition in which he must solve 50 le the mistake of staying up last , and falls asleep for the first thi f he wishes to receive a perfect average, should he spend per	
	(a) 41 seconds (b) 64 second	(c) 72 seconds (d) 52 seconds	





	com com				
	25. A train traveled 130 miles in 2 hours. The same distance was traveled each hour. How far did the train each hour?				
	(a) 27 miles (c) 72 miles				
90	(b) 65 miles (d) 56 miles	4000			
MAN O.	26. Beth made 100 book marks for charity. She sold all of them and raised \$65. How much did Beth charge for each book mark?				
	(a) 0.15 (c) 0.14				
	(b) 0.64 (d) 0.65				
	27. What two-digit number evenly divides both 323 and 391?				
	(a) 15 (c) 16	ino			
MM O.	27. What two-digit number evenly divides both 323 and 391? (a) 15 (b) 17 (d) 33	M. Clinos			
		J			



30. My computer is capable of only one process: When I enter a two-digit number, it reverses its digits, subtracts 7 from the result, and gives this final number as its answer. For example, if I enter 34, the computer first reverses its digits to obtain 43, and then subtracts 7 to give its final answer 36. When I put in another number, the computer gave me 22 as its final answer. What number did I enter? We work backwards. Since the computer's final answer was 22, it must have had 29 before subtracting

(a) 92

(c) 90

(b) 91

(d) 93

31. We have 5 numbers whose average is 11. Suppose we include 29 as a sixth number. What is the new average of these 6 numbers?

(a) 48

(c) 14

(b) 28

(d) 36

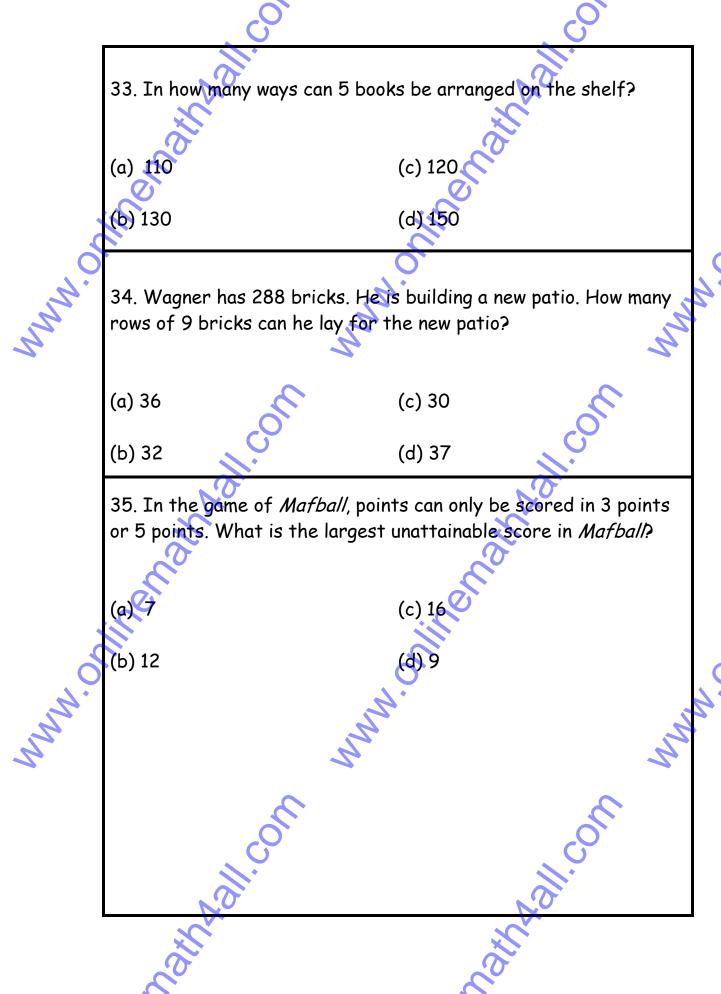
32. Define n! as the product of the first n counting numbers. Compute $11! \div 8!$

(a) 225

(c) 990

(b) 350

(d) 600



	COL		COLL		
	36. A fruit company orders 4800 pounds of oranges at \$1.80 per pound. The shipping cost is \$3000. Suppose 10% of the oranges are spoiled during the shipping and the remaining oranges are all sold. What should the selling price per pound be, given that the fruit company wants to make a net 8% profit?				
	(a) 2.81	(c) 4.91		M. Alinor	
WWW.	(b) 3.51	(d) 2.91		7.	
2"	37. What fraction of the consonants? (a) 1/8		AL are		
	(a) 1/8	(c) 1/2	0		
	(b) 1/6	(d) 1/5		2	
. 6	38 If 28 people were on stop, 13 people came onto how many people are on t	the bus and 17 people when the bus after the Hacker	ne Hackensack went off the bus, nsack stop?	M. Cliffold	
MMM.	(a) 21	(c) 31		7.	
	(b) 21	(d) 49			
	and the second second	Mally			

	39. Kevin Lee wants to be 7 inches taller than Yao Ming, who is 7 feet 5 inches tall. However, being 5 feet 6 inches, he needs to stand on a table to achieve this height. How high, in inches, does the table need to be? (12 inches equals 1 foot)					
	(a) 17 (c) 34	dinor				
Why o	40. There are 4,004 calories in 6 pints of strawberry ice creams	7				
	How many calories are there in each pint of strawberry ice cream?					
	(a) 508 (c) 510 (d) 511	-				
NAMA.	41. Martin believes that he can predict his score on the BCA Math Competition. He thinks he knows enough to answer 35 questions correctly. However, He knows that he is careless, so he subtracts 15 due to careless errors. Then he adds 5 questions to his total, because checking over his work will eliminate some errors. How many questions does Martin think he can answer	N. Clinos				
n	correctly in his final prediction? (a) 23 (b) 16					
	(b) 12 (d) 25					

42. Josh needed some help writing questions for the Academy
Competition. He received 5 questions from each person that sent
him an email. He received 2 emails the first week, 3 emails the
second week, and so on until he received 8 emails the seventh
week. How many questions did Josh receive in total?

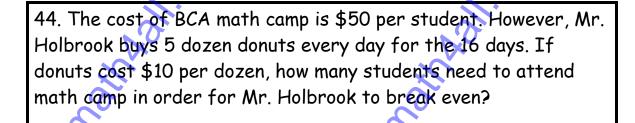
(a) 175

43. It is the year Googolplex and the whole world is voting for 1 President. Electoral College votes are distributed by the fraction of the world population. If China has 31 of the world's population and India has 83 of the world's population, and there are 2400 Electoral College votes, then how many of these votes are given to China and India?

(d) 1800 (c) 1200

(b) 1700

- All Coll



(b) 12

MMN.S 45. What is the value of (-3)x(-2) - (-4)?

(a) 10

(c) 12

(b) 11

(d) 13

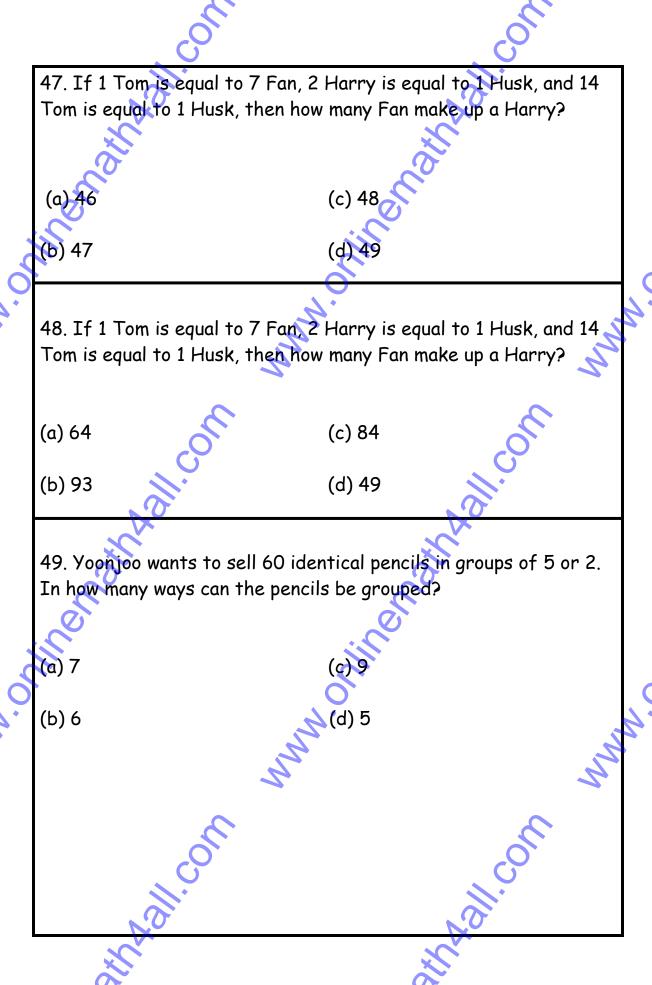
46. Walt Disney's stock starts at \$100 dollars per share. If the stock rises 20% and falls by 20% of the new price, what is the new stock price in dollars?

(a) 47

(c) 96

(b) 69

(d) 24





		S				011		
	Answers	Voll			Dall			
	1. c	2. b	3. a	4. d	5 . b	6. d		9
	T.c	8. a	9. d	10. d	11. c	12. b		Indi
MANNO	13. a	14. b	15.d	16. a	17. c	18. c	17	
7	19. d	20. b	21. a	22. d	23. a	24. d	7	
	25. b	26. d	27. b	28. b	29. c	30. a		
	31. c	32. c	33. c	34. b 40. a 46. c	35. a	36. d		
4	31. c	38. b	39. b	40. a	41. d	42. a	Why on.	Roll
Mun	43. b	44. c	45. a	46. c	47. d	48. b	. 7. S.	
n	49. a	50. c	The state of the s				N N	
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		No.			No.	•		
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