

	4. Two girls went on a v			
	all expenses. They trip	was prepaid so	Mary wrote a chequ	je for
	food and one for lodgin	g. Clare wrote t	he cheques for gas	and
	entertainment. How mu	ch does Clare o	we Mary?	
	©		Ø,	
•				
		FOOD	LODGING	
O	Mary:	\$56.97	\$83.29	
Thy.		<i>'</i> 2.		
2		GAS	ENTERTAINMENT	
7	Clare:	\$41.96	\$37.47	3

(a)\$30.42 (c) \$25.26

(b) \$35.42 (d) \$32.26

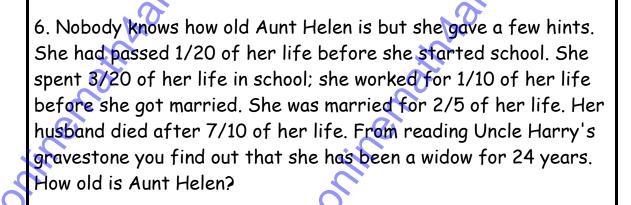
5. If a ball is dropped from a height of 100m, each time it hits the ground it bounces 3/5 of the height it fell. How far will the ball have traveled in the 5th bounce?

(a) 322.51 m

(c) 361.12 m

(b) 315.23 m

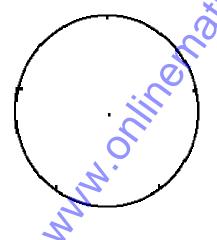
(d) 351.23 m



(a) 80 (c) 90

(b) 75 (d) 102

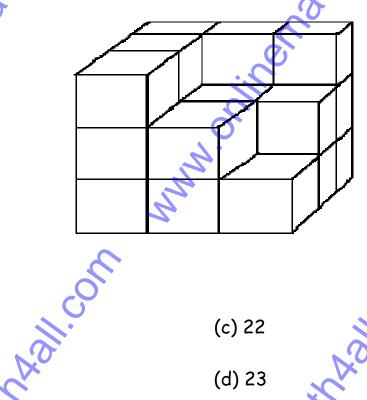
7. See how many triangles you can draw using any three of the five points on the circle as vertices.



(a) 12 (c) 15

(b) 10 (d) 13

8. How many unit cubes are needed to build this solid figure? MIN OF THE PARTY O



(a) 20

(c) 22

(b) 21

(d) 23

9. A unit fraction is a fraction where the numerator is 1 and so it looks like 1/n. Can you express the fraction 19/72 as the sum of two unit fractions?

(a) 19/72

(c) 20/75

(b) 22/72

(d) 23/72

	COTT	COM	
		d 50 fifth graders, 41 said they lik iked jam sandwiches and 30 liked many students liked neither?	
	(a) 2	(c) 5	Odinor
Why.	(b) 4	(d) 3	77.
	11. In 1989 the price of a socce	e would rise \$0.25/year for the	
	(a) 1996	(c) 1999	
	(b) 1998	(d) 2000	
MAN O	12. In how many different ways be arranged? (a) 5	s can the cars of a three car train	A CHINGS
4		(c) 6	
	(b) 12	(d) 3	

13. If a man can walk 4km in 1 hour and his wife can walk 5km in 1 hour, how many minutes will it take them to meet if they begin walking at the same time at opposite ends of a 12km road, and have agreed to meet at the half way point?

man	6km	6km	wife
Ā		Ċ	

(a) 20 minutes

(c) 90 minutes

(b) 50 minutes

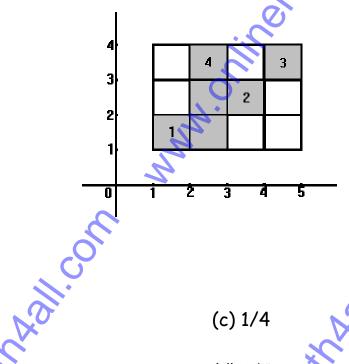
(d) 100 minutes

14. Sixteen players enter a tennis tournament. If there can be no (c) 18 (d) 25 draws how many games must be played if each player can be eliminated by one loss.

(a) 15 (b) 20

and the second

15. Describe the shaded area of the following figure in terms of a rion. fraction.



(a) 1/3

(c) 1/4

(b) 1/2

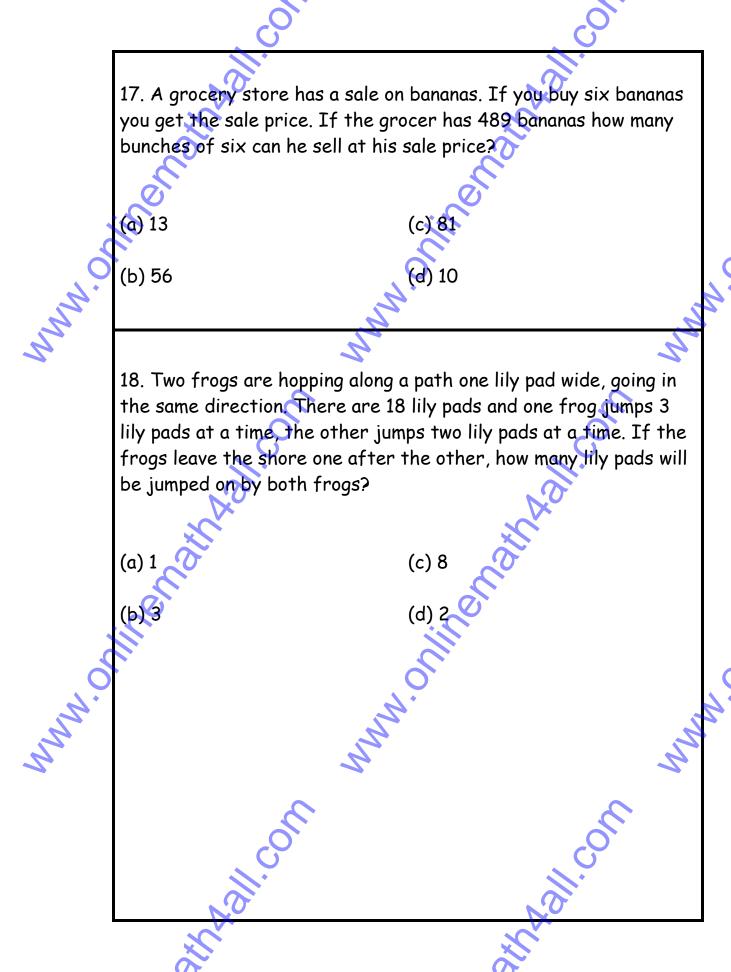
(d) 1/5

16. Some students hold a bake sale to raise money for their school library. They sold fudge and squares and cookies. One of each type of treat was put into 95 paper bags and the students were allowed to keep the left over If they started out with 110 cookies, 130 pieces of fudge and 116 squares, the students put the same number of each kind of treat in each bag (eg. 2cookies. 1 fudge, 1 square. How many cookies did they keep?

(a) 12

(c) 14

(b) 13



19. In her first year a dog breeder's dogs produce 2 puppies. In her second year her dogs produce three-times as many puppies. In her third year her dogs produce 5 times as many puppies as the first year. How many puppies will the breeder have produced in her first 3 years?

If she sells the puppies for \$200.00 each, how much will she have made?

(a) \$3800

(c) \$3200

(b) \$3600

(d) \$3400

20. Four boys work together painting houses for the summer. For each house they paint they get \$256.00. If the boys work for 4 months of summer and their expenses are \$152.00 per month, how many houses must they paint for each of them to have one thousand dollars at the end of the summer?

(a) 18

(c) 14

(b) 16

21. Place the digits 9, 4, 7, 6, 5, 1, in the boxes in order to get [][]×[][]+[]×[]=?
(c) 2204
(d) 8025 My Ocilia or Control of Control o the largest result.

MINN.

(b) 7224

Man of the Collins of

My Ocilicare

Man Single Coll.

		SO.		CO.
	children come t with two flavors same combination flavors is chose	o the stand and o s of ice cream. I on of flavors, and on, how many chil		scoop cone ren choose the
O. Why	4 T 5 R 6 S 7 C	anilla Naple	(c) 36 (d) 38	
	(a) 32		(c) 36	
	(b) 34		(d) 38	
7.			7 -	

(a) 32 (b) 34

23. Convert 18% in to decimal form.

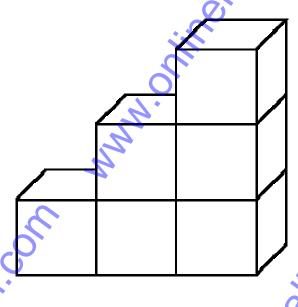
(a) 1.8 (c) 0.18

(b) 0.018 (d) 18

	24. One morning grasshopper fell down a hole 2 meters deep. He would climb 1/4 of a meter every day but at night he slid down 1/8 pf a meter. At this rate, how many days until the grasshopper gets out?	
TAN.	(a) 12 days (c) 14 days (b) 13 days (d) 15 days	M. Cliffe
n	25. There are 12 people in a room. 6 people are wearing socks and 4 people are wearing shoes, 3 people are wearing both. How many people are in bare feet?	
	(a) 4 (c) 6 (d) 5 (d) 5	
	26. A boy secured 88% of the total marks in a public examination.	M. Cliffold
MAN,		7.
	(a) 1056 (b) 1066 (d) 1086	
	and the second of the second o	

	con	COM	
		er of kilometer traveled by a car to the consumed by it is 9:1. If the car travels	
	(a) 11 liters	(c) 13 liters	inor
MAN.	(b) 12 liters	(d) 14 liters	301
n	28. The average of three in 18 and 20. What is the thin	numbers is 21. Two of the numbers are rd number?	
	a) 40	(c) 30	
	(b) 35	(d) 25	
		May Cillocall	M. Cillost
MAN			
	anairtall.on		

29. This stairway is made of cubes. How many cubes would be of be a second of the second o needed to make the steps 9 steps high?



(a) 45 cubes

(c) 55 cubes

(b) 50 cubes

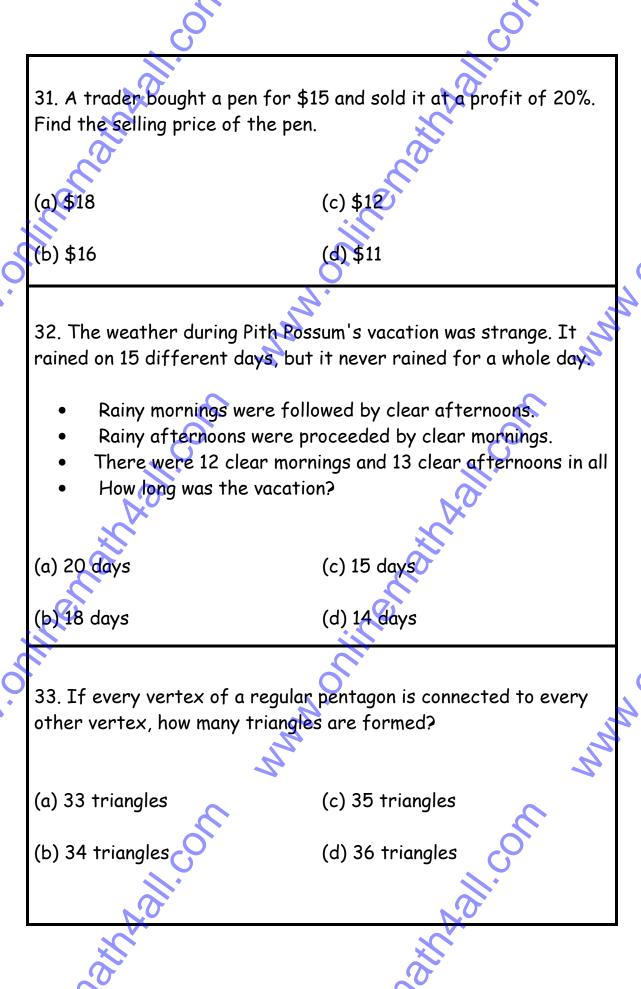
(d) 60 cubes

30. If you begin with a one digit integer, multiply by 3, add 8, divide by 2 and subtract 6 you will get the integer back. Find the number.

(a) 4

(c) 3

(b) 2



34. How many different cubes can you make if each face of a given cube has a line connecting the center points of two opposite edges?



(c) 9

(b) 10

(d) 8

35. Kevin borrowed \$2000 for 14% simple interest per annum. How much simple interest will he pay after three years?

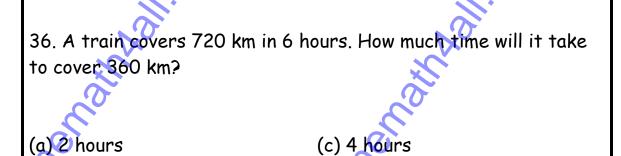
(a) \$840

WWW.O

(c) \$860

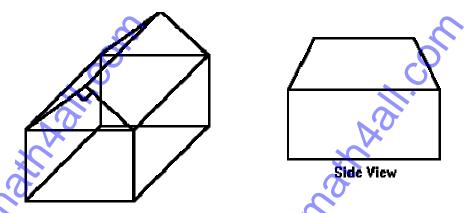
(b) \$850

(d) \$870



(b) 3 hours (d) 5 hours

37. Find the number of faces, edges and vertices on the figure shown.



- What would this figure be called?
- What would the two figures contained in it be called?
- (a) 17 edges, 9 faces, 10 vertices
- (b) 10 edges, 9 faces, 17 vertices
- (c) 9 edges, 17 faces, 10 vertices
- (d) 17 edges, 10 faces, 9 vertices

	at Pyramid is 557t greater than that	of
the Leaning Tower of Pis	a. Stone Henge has a mass of 2695t	
which is 95t less than th	e Leaning Tower of Pisa. There once i	was
a Greater Pyramid which	had a mass twice that of the Great	
Pyramid, what was the mo	ass of the Greater Pyramid.	
(a) 6692t	(c) 6694t	
	.2	
(b) 6693t	(d) 6695t	-

39. Rachel, Kim and Shawn went to Cuba for a vacation. On the way to Cuba, the plane made the trip in 315 minutes. On the return trip, the flight took 216 minutes. They stayed in Cuba for 3629 minutes. Estimate how long the trip took to the nearest 10.

How long did the trip really take?

(a) 4170, 4160

(c) 4180, 4190

(b) 4250, 4260

(d) 4360, 4340

40. 10 men can do a work in 20 days working 8 hours a day. In how many days can 8 men to do the same work working 10 hours a day?

(a) 50

(c) 30

(b) 40

- 41. The Riddler has left a clue for Batman to follow at the scene of each crime. These are the clues that Batman has found:
 - (1) There is a 1 in the thousands place.
 - (2) The digit in the tens place is 9 times the digit in the thousands place.
 - (3) Multiply the digit in the thousands place by 2.
 - (4) The digit in the ones place is a hand without a thumb.
- (5) The digit in the hundreds is 2 less than the number in the tens.

Solve the riddle to find the number and help Batman stop the Riddler.

(a) 4794

(c) 9794

(b) 2794

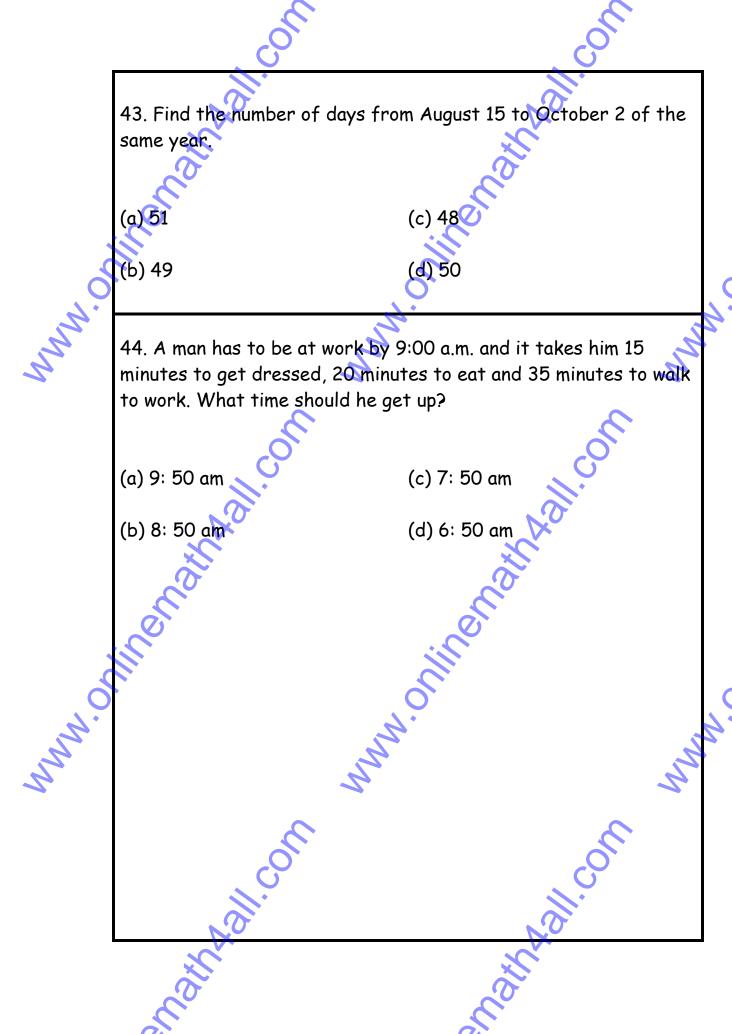
(d) 5794

42. In the first year of production a play sells 1572 tickets, in its second year it sells 1753 tickets, in its third year it sells 152 less than in its second year. How many tickets are sold in 3 years?

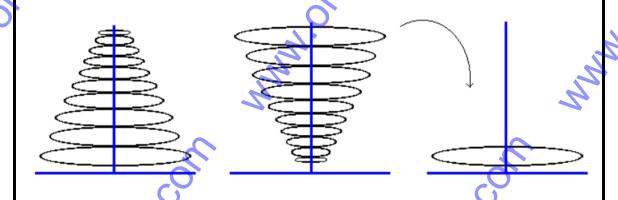
(a) 4926

(c) 4928

(b) 4927



45. Batman has been imprisoned by the Riddler. To escape he must find the quickest way to move the tower of plutonium disks from one post to another so that the disks have the same arrangement as on the original post. He may move only one disk at a time. What is the minimum number of moves he must make in order to move the ten disk tower and have it appear the same?



(a) 18 (c) 15

(b) 16 (d) 19

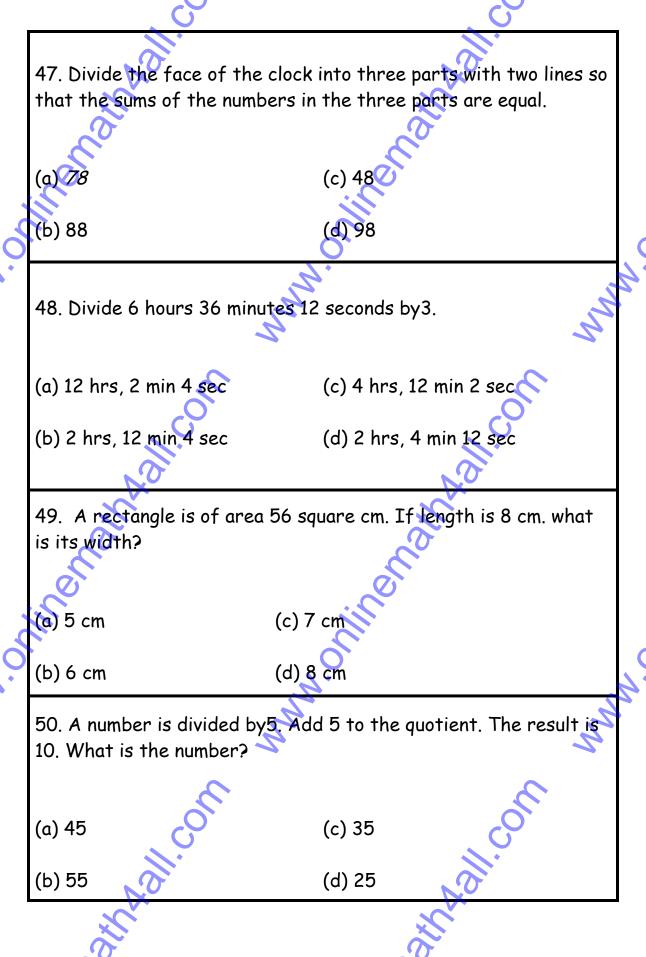
46. According to experts the first 4 moves in a chess game can be played in 197299 totally different ways. If it takes 30 seconds to make one move, how long would it take one player to try every possible set of 4 moves?

(a) 23675880 seconds

(c) 43675880 seconds

(b) 33675880 seconds

(d) 53675880 seconds



		S				COR	
	Answers:	CAOIII			ST AN		
	1.60	2. c	3. b	4. a	5. c	6. a	N. Cillo
MAN	7. b	8. c	9. a 15. b	10. b	11. a	12.d	4.00
n	13.c	14. a	15. by	16. d	17. c	18. b	
	19. b	20.a	21.	b 22.	c 23	24. d	
	25. d	26. a	27. b 33. c 39.a 45. d	28. d	29.a		
	25. d	32. a	33. c	34. d	35. a	36. b	M. Cillock
MANNE	37. a	38. c	39.a	40. d	41. b	42. a	4.00
N	43. c	44. c	45. d	46.a	47. α	48. b	
	49. c	50. d			o College	COU	
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