



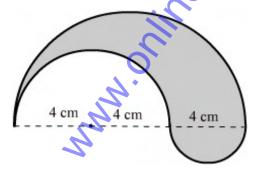
(a) 3956 sq.m

(c) 4956 sq.m

(b) 1956 sq.m

(d) 2956 sq.m

8. Find the area of the shaded region in the figure given below.

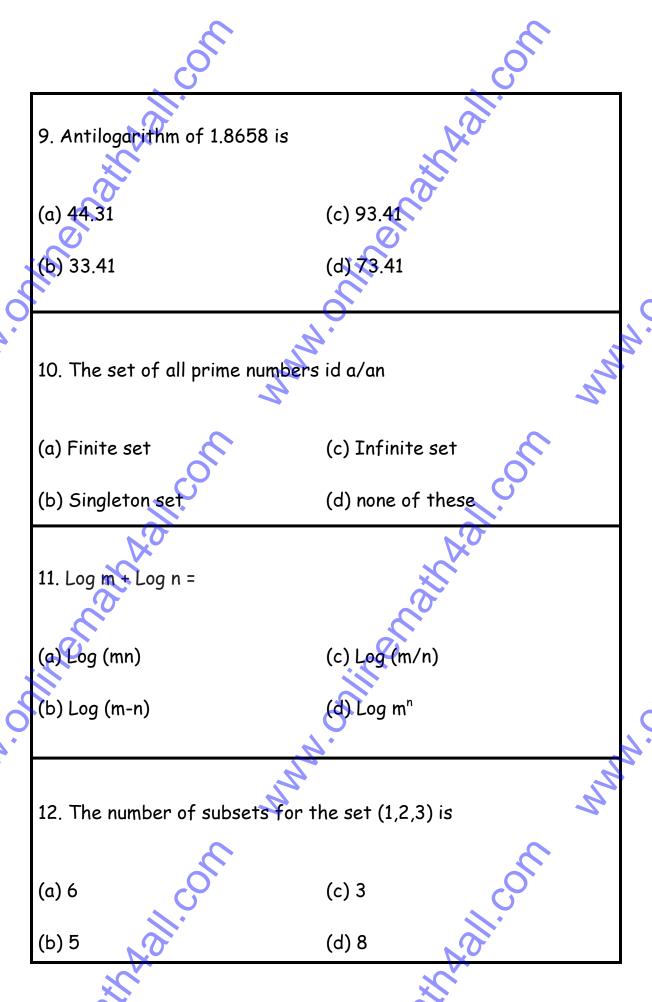


(a) 87.71 sq.cm

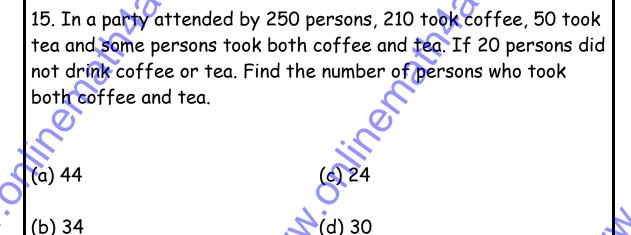
(c) 47.71 sq.cm

(b) 37.71 sq.cm

(d) 27.71 sq.cm (7)



Many of the state \boldsymbol{U} \overline{B} (c) (AnB)^c
(d) (AuB)^c The above diagram represents (a) AnB (b) AuB 14. The number of girls in a village who attended tailoring classes was 45, the number of girls who attended classes on gardening was 70. If 30 of these attended both the classes, using Venn Diagram, find how many totally attended either of these classes (a) 62 (c) 92 (b) 85 (d) 71



(a) 44

16.

$$(x^3 - 6x^2 + 9x - 1)(2x^3 - 3x^2 - x + 2)$$

In the above product, if the coefficient of x² is 12, then the value of P is

(a) -9

(b) -5

(d) -8

17.

$$a^3 + 3a^2b + 3ab^2 + b^3$$
en above is equal to
$$(c)(a-b)^3$$

The expression given above is equal to

$$(c)(a-b)^3$$

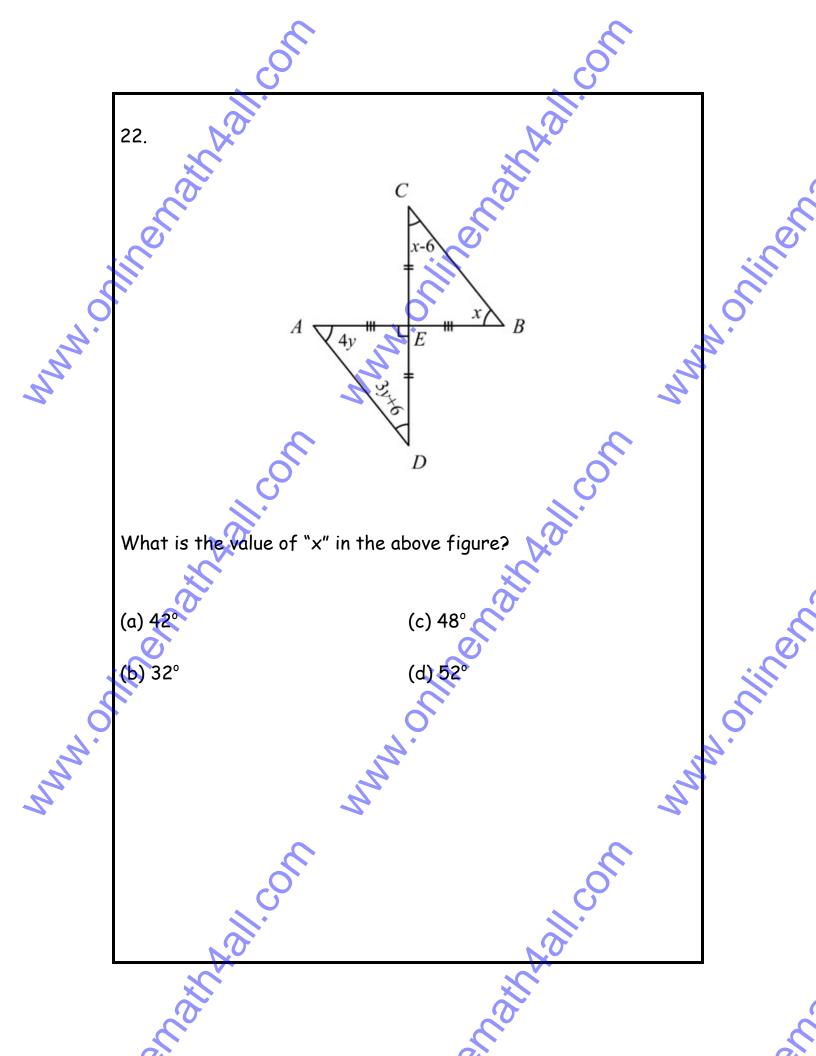
18. If x+y=6 and xy=8, then the value of x^2+y^2 is

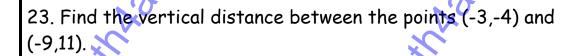
19. The square of an odd integer is

(a) Prime

(b) Odd

(d) None of these





(a) 15

(c) 200

(b) 17

(d) 22

24.

$$\frac{y_2 - y_1}{x_2 - x_1} < 0$$

From the above, what do you understand about a line?

(a) Parallel to x-axis

(c) Rising line

(b) Parallel to y-axis

(d) Falling line

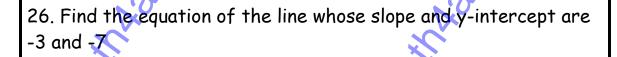
25. Find the slope of the line passing through (-16, 29) and (40, -6)

(a) - 3/8

(c) -5/8

(b) 8/5

(d) -8/5



$$(a)3x+y+7=0$$

(c)
$$3x+y-7=0$$

27. Find the distance between the two points (1,2) and (4,3).

28. Find the shape which is represented by the below points.

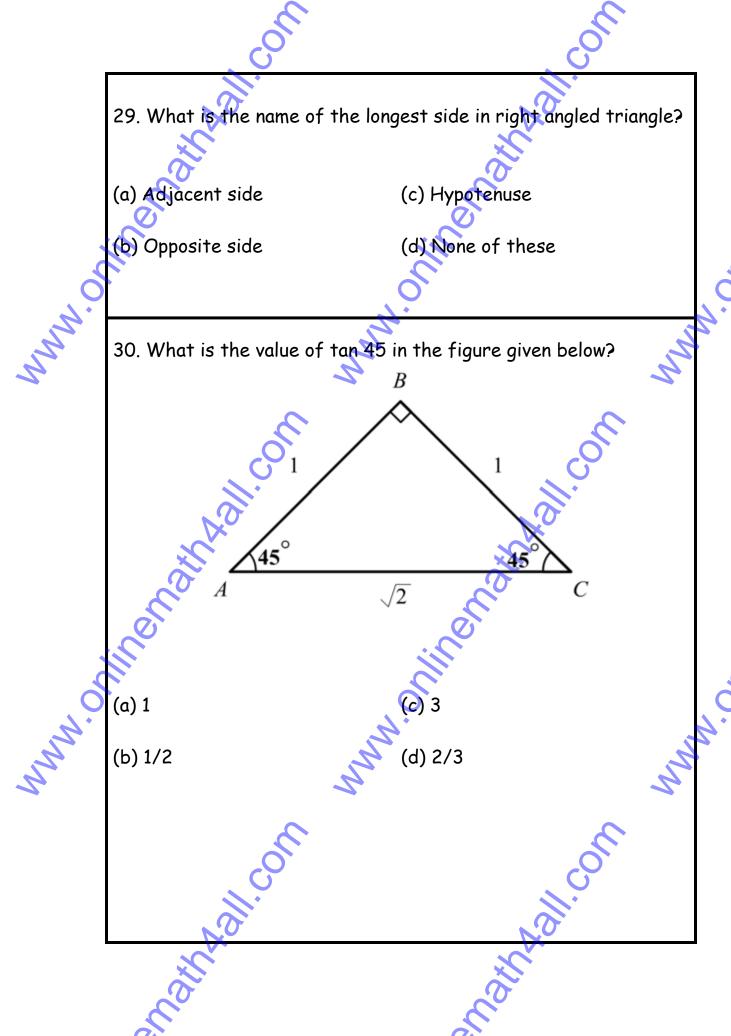
$$(0,0), (3,4), (0,8)$$
 and $(3,4)$

(a) Square

(c) Rectangle

(b) Triangle

(d) Rhombus





if
$$\tan A = \frac{\sin 60^{\circ}}{1 + \cos 60^{\circ}}$$

MMH.S (b) 50°

32. A man is 20 m away from a building. The angle of elevation between the foot of the man and top of the building is 45°, Then the height of the building is

(a) 15

(c) 35

(d) 25

33. Find the geometric mean between 6 and 4.

(a) 6.9

(c) 4.9

(b) 7.9

(d) 8.9

34. Calculate the arithmetic mean for the following data.

					_		
Marks	65	70	75	80	85	90	100
No. of students	11	6	3	6.7	4	10	4

(a) 79.1

(c) 86.12

(b) 30.12

(d) 48.5

35. Calculate the median of the following table:

Variable (x)	5	10	15	20	25	30
Frequency(f)	3	6	10	8	2)	3

(a) 51

(c) 52

(b) 25

(d) 15

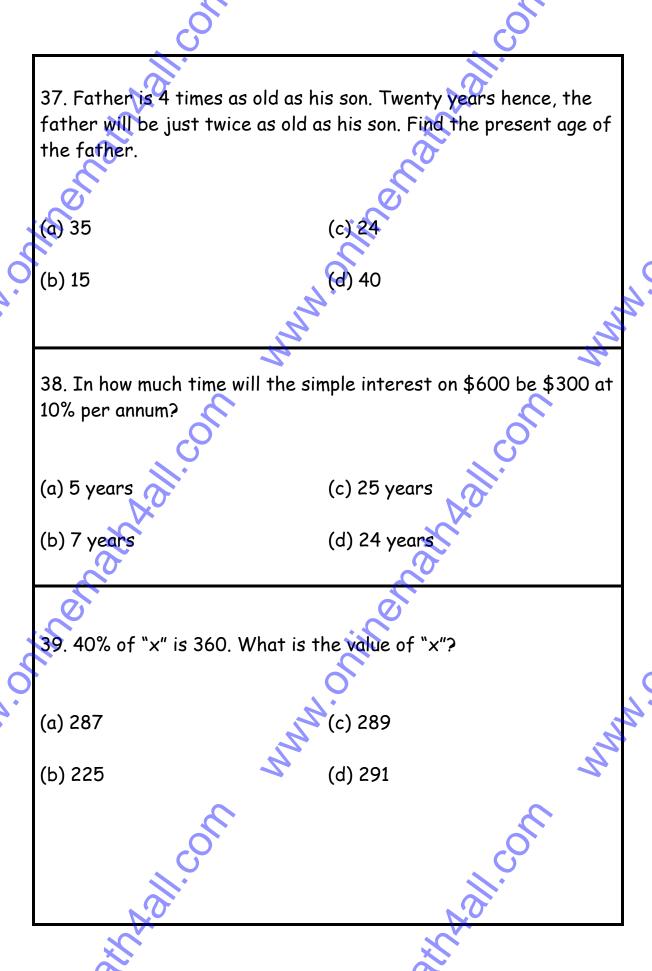
36. A num number is 7 times greater than another number, if their sum is 96, then find the number.

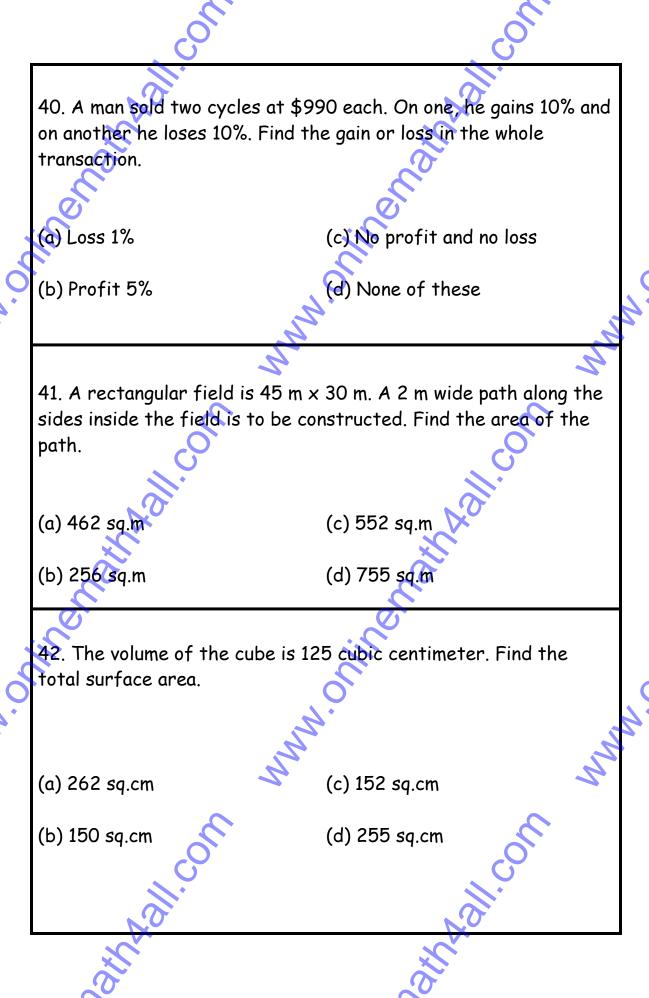
(a) 44, 8

(c) 86, 5

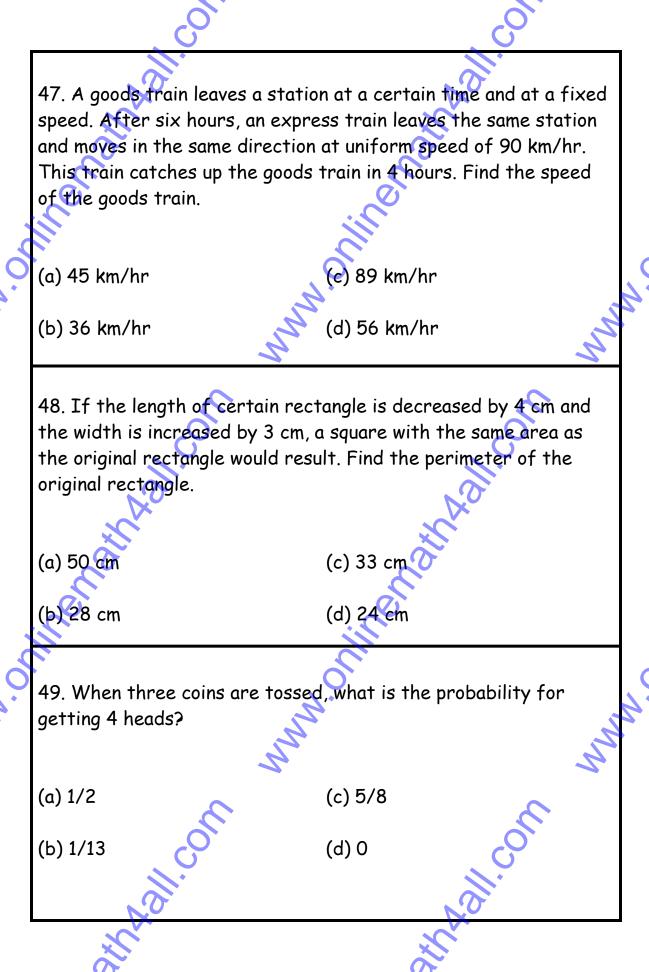
(b) 84, 12

(d) 51, 3





	COST	COL	
	43. Which of the following num	nber is a perfect square?	
	(a) 53	(c) 36	
	(b) 34	(d) 99	Orling
MM.	44. The side of a cube is 17.5 c	cm. Find the volume of the cube.	7.
7	(a) 5359.375 cm ³	(c) 2509.375 cm ³	
	(b) 5501.253 cm ³	(d) 2350.526 cm ³	
	45. Find the cube root of (-125		
		(c) =5	M. Cliffold
WWW.	(b) 5	(d) 25	4.00
M		2361	
	(a) 941 (b) 969	(c) 971 (d) 981	
	(b) 969	(d) 981	
	and it	and the second s	



30. If x! = (x-1)!, then the value of "x" is

(a) 2

(b) 0 MMM. clineral contractions of the contraction of th My Clincon Man Single Coll. C Many of the Color M. Cilicon

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	Answers	Molling			XXX			
	1. a (10)	2. c	3. d 9. d 15. d	4. b	5. d	6. a		O IIII
ANN ON THE STATE OF THE STATE O	7. c	8. b	9. d	10. c	11. a	12. d		O.
MA	13. c	14. b	15. d	16. a	17. d	18. c	N	
		20. a	21. d	22. c	23. a	24. d		
	25. c	20. a 26. a	27. b	28. d	29. 0	30. a		
Muly Sold Sold Sold Sold Sold Sold Sold Sold	31. d	32. b	33. c	34. a	35. d 41. a 47. b	36. b		
6	37 . d	38. α	39. b	40. a	41. a	42. b		Oliffe
MAN	43. c	44. a	45. c	46. d	47. b	48. a		
	49. d	50. c				00		
		50. c			Na N	<u>ي</u>		
					O			