Enhancing ability to learn & Express

2.

# Use link given in description to download this PDF

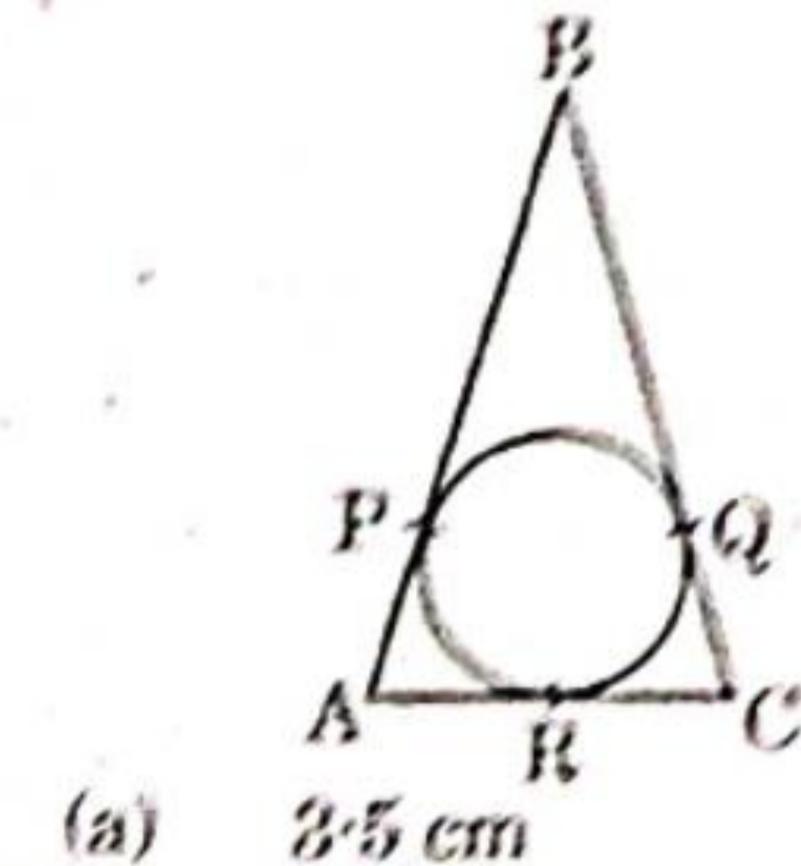
# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

- The distance between the points  $P\left(-\frac{11}{3},5\right)$  and  $Q\left(-\frac{2}{3},5\right)$  is:

  - 2 units

13:

- In the given figure, AB = BC = 10 cm. If AC = 7 cm, then the length of BP





101 BP

- Water in a river which is 3 m deep and 40 m wide is flowing at the rate of 3. water collected in 141 2 km/h. How much water will fall into the sea in 2 minutes? = 3x40x2000
  - $800 \, \text{m}^3$ (a)
  - $8000 \, \text{m}^3$
- 4000 m<sup>3</sup> (b)
- $2000 \, \mathrm{m}^3$ (d)
- Soin 2 minulis = 3x hox 2000 = 8000 m3
- If the mean and the mode of a distribution are 15 and 18 respectively, then the median of the distribution is: med = x 3x - 2(15) = 18
  - (a)
- 15 (b)

- 3 (med) -2 (mean) = mode The 11th term from the end of the A.P.: 10, 7, 4, ....., -62 is:
  - (n)

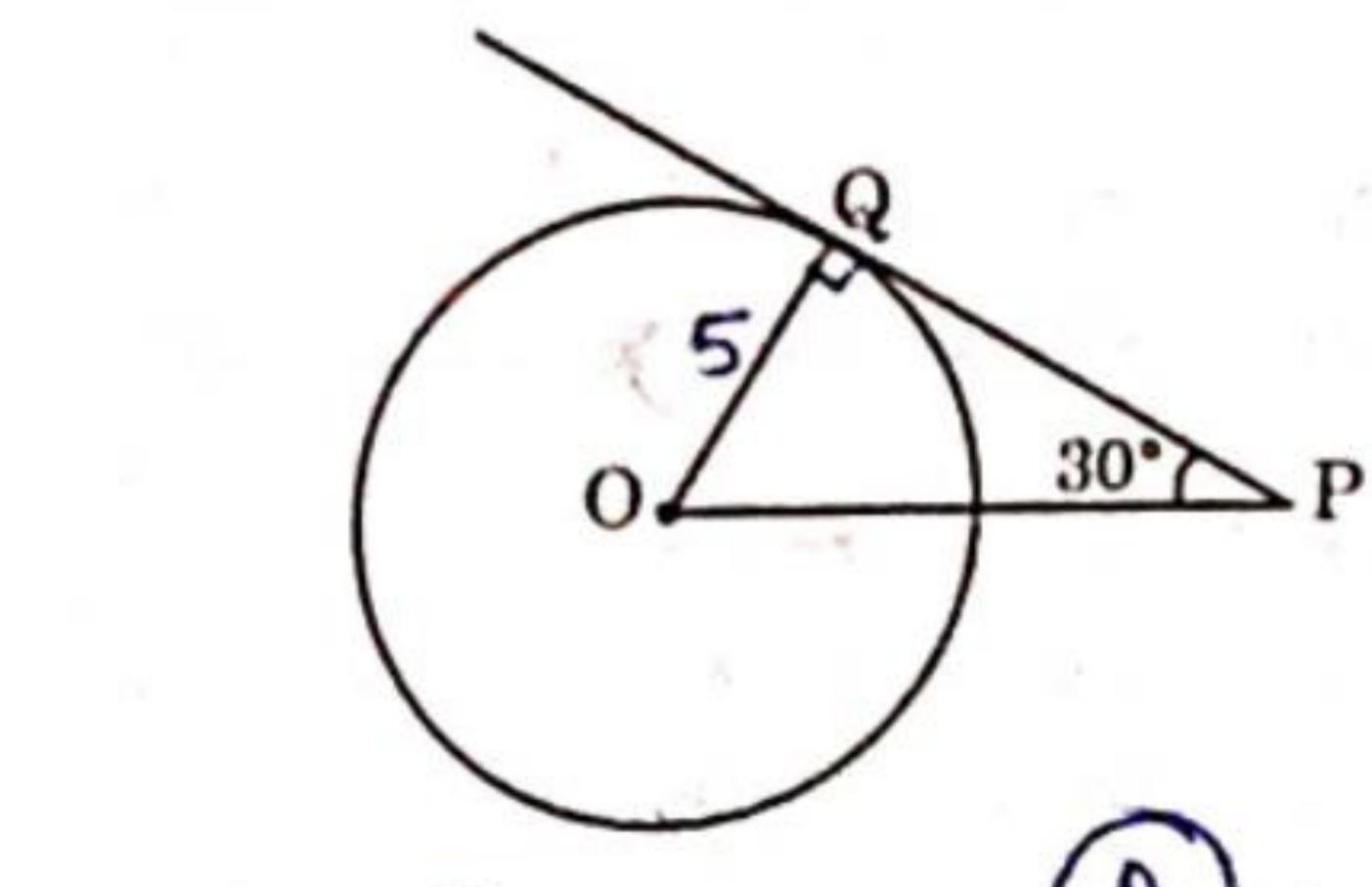
- $T_{11}(end) = -62 + 10(3)$ = -62 + 30
- One card is drawn at random from a well shuffled pack of 52 playing 6. cards. The probability that the drawn card is a queen, is:
  - (n)

Enhancing ability to learn & Express

# Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

PQ is tangent to a circle centered at O. If the radius of the circle is 5 cm, 7. then the length of the tangent PQ is:



 $5\sqrt{3}$  cm

10 cm

- Which of the following numbers cannot be the probability of happening 8. of an event?
  - (a)

- because 7 is greater than 1.

0.07(c)

- (d)
- If  $\sec \theta \tan \theta = \frac{1}{3}$ , then the value of  $(\sec \theta + \tan \theta)$  is: 9.
  - (a)

- Seco+tano = Sero-tano

- A quadratic equation whose roots are  $(3 \sqrt{2})$  and  $(3 + \sqrt{2})$  is : 10.
  - $x^2 6x + 7 = 0$

- $9x^2 2 = 0$

- $x^{2} + 6x + 7 = 0$   $x^{2} (sum)x + P = 0$   $x^{2} 7 = 0$   $x^{2} 6x + 7 = 0$

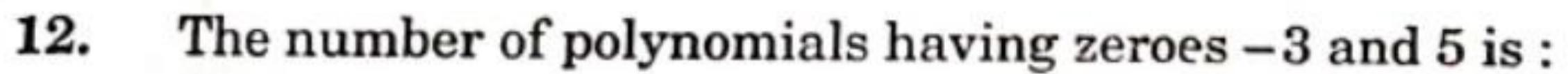
Enhancing ability to learn & Express

# Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

	If every term of the statistical data consisting of n terms is decreased by					
	2, then the mean of the data:					

- (a) decreases by 2
- (b) remains unchanged
- (c) decreases by 2n
- (d) decreases by 1



(a) only one

- (b) infinite

(c) exactly two

- (d) at most two
- 13. The solution of the pair of equations x + y = a + b and  $ax by = a^2 b^2$ is:

  (1) (1) (2) (2) (3) (4)
  - (a) x = b, y = a

x = a, y = b

- (b) x = -a, y = b(d) x = a, y = -b
- is satisfying

14. The common difference of the A.P. whose  $n^{th}$  term is given by  $a_n = 3n + 7$ ,

is:

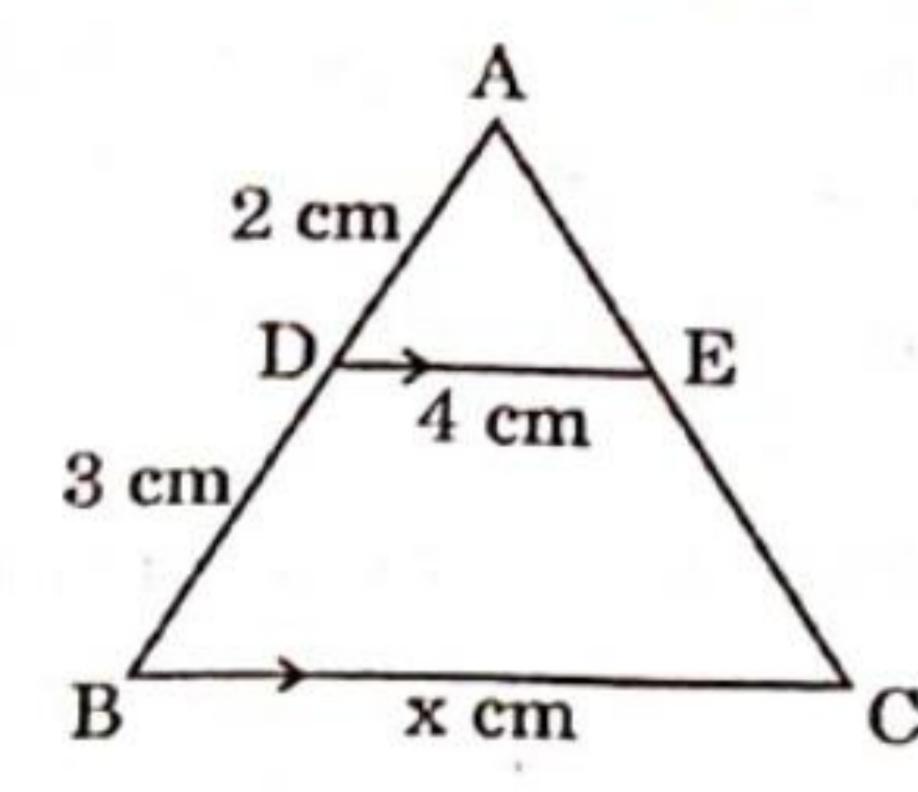
(Ç)

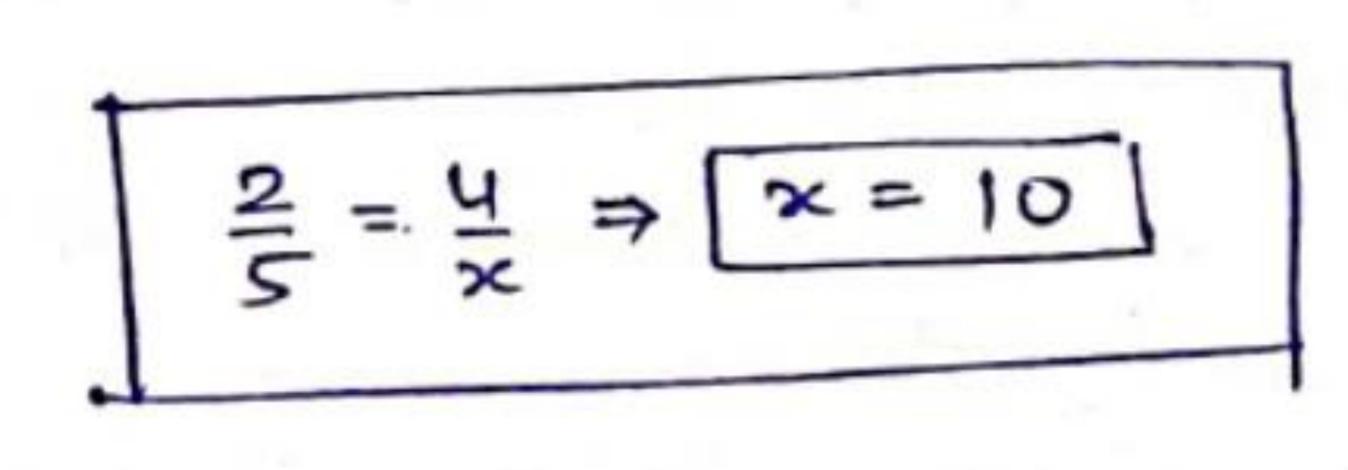
- (a) 7
- (c) 3n

- 3
  - 1

C.D.=3

15. In the given figure, DE || BC. The value of x is:





(a) 6

- (b) 12·5
- (D)

(c) 8

(d) 10

16. In  $\triangle$  ABC and  $\triangle$  DEF,  $\frac{AB}{DE} = \frac{BC}{FD}$ . Which of the following makes the two triangles similar?

- (a)  $\angle A = \angle D$
- $\langle B \rangle$   $\langle B \rangle = \langle D \rangle$

LB=LD

(c)  $\angle B = \angle E$ 

(d)  $\angle A = \angle F$ 



## Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

17.  $\left(\frac{2 \tan 30^{\circ}}{1 + \tan^2 30^{\circ}}\right)$  is equal to:

(c) tan 60°

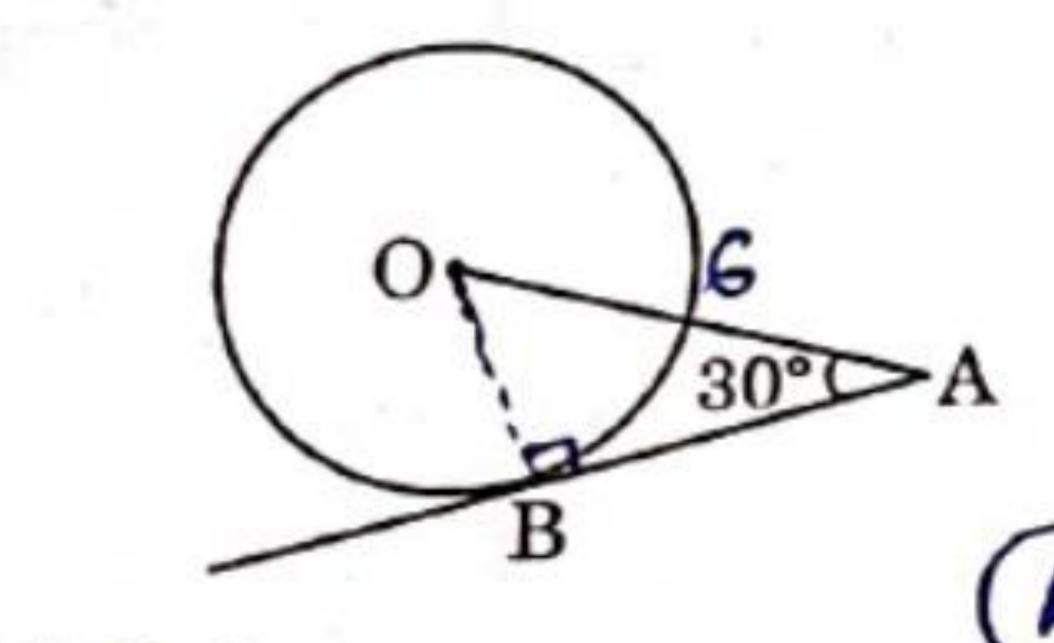
 $\binom{A}{(d)}$  sin 30

$$\frac{2 + \tan^{3} 0}{1 + \tan^{2} 30}$$

$$= \frac{2/\sqrt{3}}{1 + \frac{1}{3}} = \frac{\sqrt{3}}{2}$$

$$= 8in60$$

18. In the given figure, AB is a tangent to the circle centered at O. If OA = 6 cm and  $\angle OAB = 30^{\circ}$ , then the radius of the circle is:



0 B = x (sad)  $Sin30 = \frac{2}{6} = \frac{1}{2} = \frac{2}{6}$   $\Rightarrow (8 = 3)$ 

(a) 3 cm

(b)  $3\sqrt{3}$  cm

(c) 2 cm

(d)  $\sqrt{3}$  cm

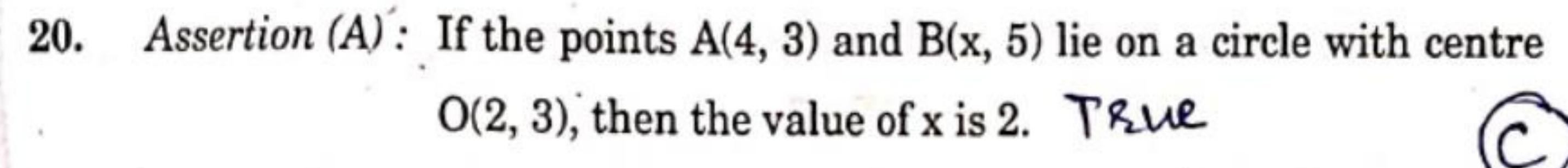
30/5/3

Page 9

P.T.O.

19. Assertion (A): The number 5<sup>n</sup> cannot end with the digit 0, where n is a natural number.

Reason (R): Prime factorisation of 5 has only two factors, 1 and 5. True



Reason (R): Centre of a circle is the mid-point of each chord of the circle.

# Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

# 21. Find the greatest 3-digit number which is divisible by 18, 24 and 36. [LC M = 72, Greatest 3-digit = 936]

O.21 LCM = 72

Circatest 3 digit no = 999

We want greatest 3 digit divisible by 72

So divide 999 by 72, rem = 63 So req. no = 999-63 = 936 Ang.

22. (a) If  $a \cos \theta + b \sin \theta = m$  and  $a \sin \theta - b \cos \theta = n$ , then prove that  $a^2 + b^2 = m^2 + n^2.$   $a^2 + b^2 = m^2 + n^2.$ 

OR

(b) Prove that:

$$\sqrt{\frac{\sec A - 1}{\sec A + 1}} + \sqrt{\frac{\sec A + 1}{\sec A - 1}} = 2 \csc A$$

0.22

 $\Rightarrow 0^{2} + 2^{2} \Rightarrow 0^{2} + b^{2} = m^{2} + n^{2}$ 



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

23. Find the ratio in which y-axis divides the line segment joining the points (5, -6) and (-1, -4).

(5.23)
$$(5.76) \quad (0.9) \quad (-1.-4) \quad \text{any point on y axis}$$

$$(5.76) \quad (0.9) \quad (-1.-4) \quad \text{is } (0.9)$$

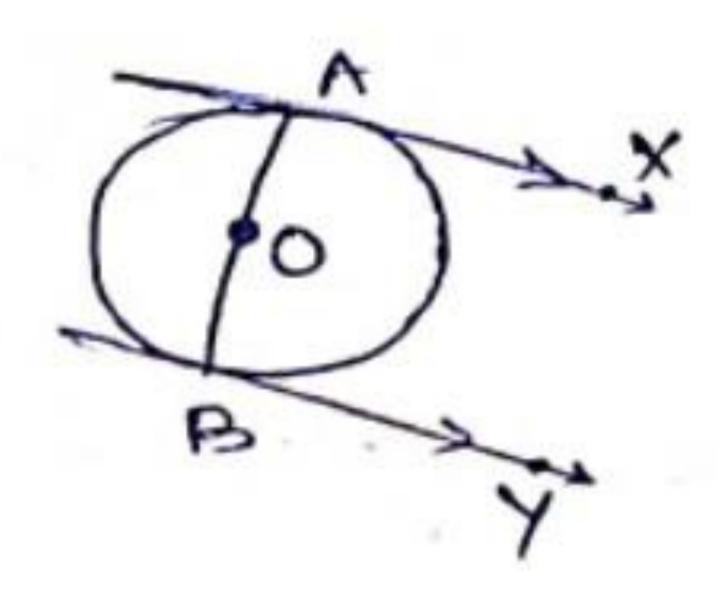
$$\text{det} \quad (0.9) \quad \text{divides the line seq. into vatio } K:1$$

$$\Rightarrow \quad 0 = \frac{-K+5}{K+1} \quad \Rightarrow \quad K=5$$

$$\text{Ratio: 5:} \quad \text{Ans. 5:} 1$$

24. Prove that the tangents drawn at the ends of a diameter of a circle are parallel.

0.24



Given: A circle with centre O.

A-B 1s diameter.

Ax & Ay are tangents at A

To Prove: AX 11 BY



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

25. (a) The line segment joining the points A(4, -5) and B(4, 5) is divided by the point P such that AP : AB = 2 : 5. Find the coordinates of P.

(4,-1)

 $\mathbf{or}$ 

(b) Point P(x, y) is equidistant from points A(5, 1) and B(1, 5). Prove that x = y.

0.25

$$A(4,-5) \qquad B(4,5)$$

$$\frac{AP}{AB} = \frac{2}{5} \Rightarrow \frac{AP}{PB} = \frac{2}{3}$$

$$P = \left(\frac{12+B}{5}, -\frac{15+10}{5}\right) \qquad (8ection formula)$$

$$= (4,-1) \quad Ams$$

$$\Rightarrow (8x-5)^{2}+(y-1)^{2}=(8x-1)^{2}+(y-5)^{2}$$

$$\Rightarrow x^{2}+y^{2}-10x-2y+26=x^{2}+y^{2}-2x-10y+26$$

$$\Rightarrow -8x=-8y\Rightarrow x=y$$
Hence Proved

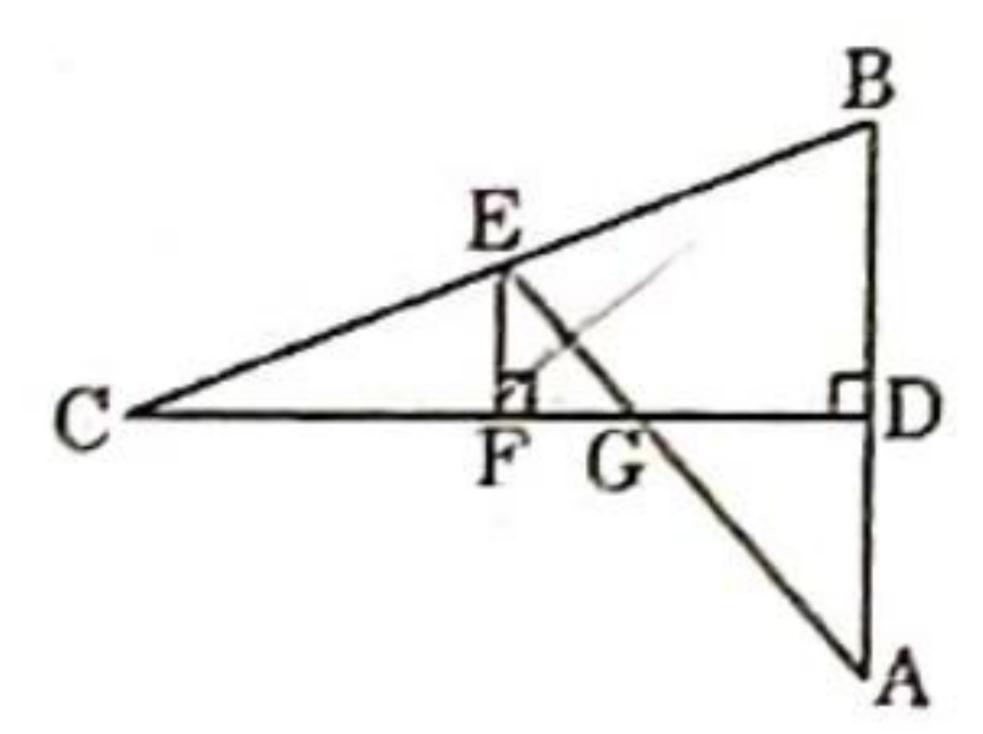


JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

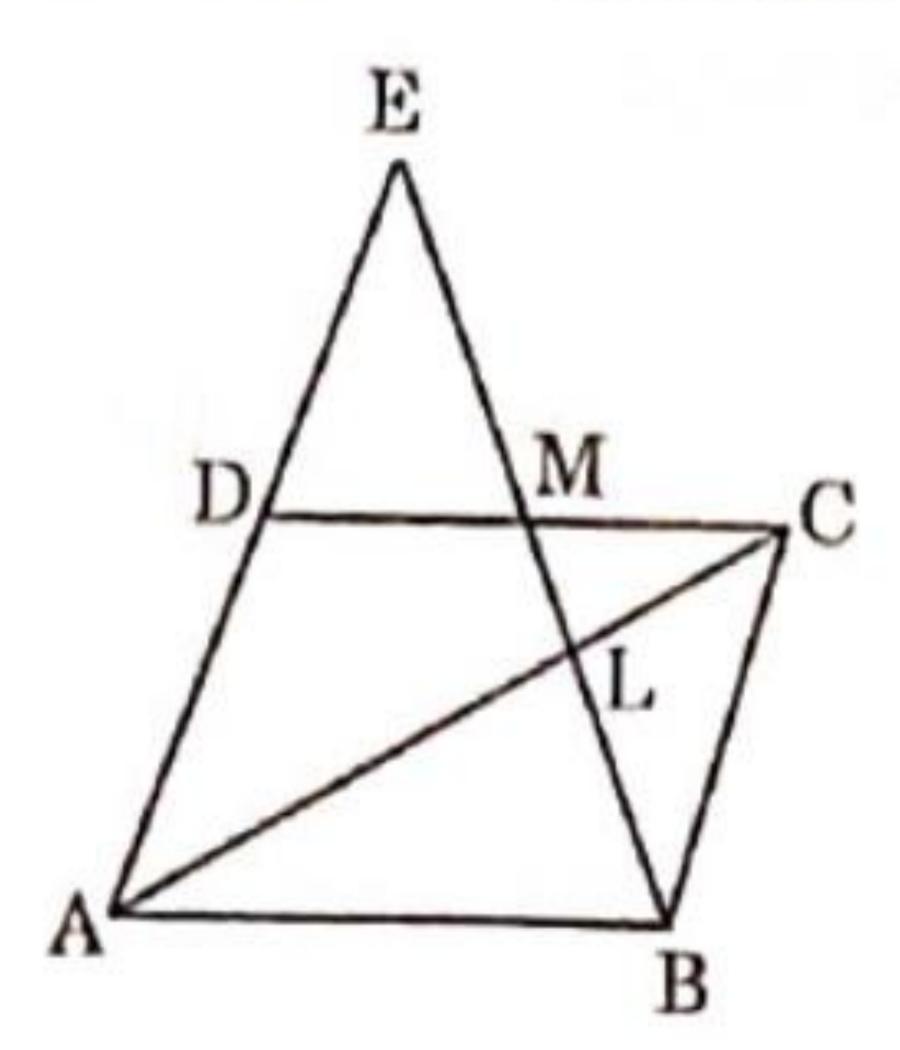
# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

26. (a) In the given figure, CD is the perpendicular bisector of AB. EF is perpendicular to CD. AE intersects CD at G. Prove that  $\frac{CF}{CD} = \frac{FG}{DG}$ .



OR

(b) In the given figure, ABCD is a parallelogram. BE bisects CD at M and intersects AC at L. Prove that EL = 2BL.

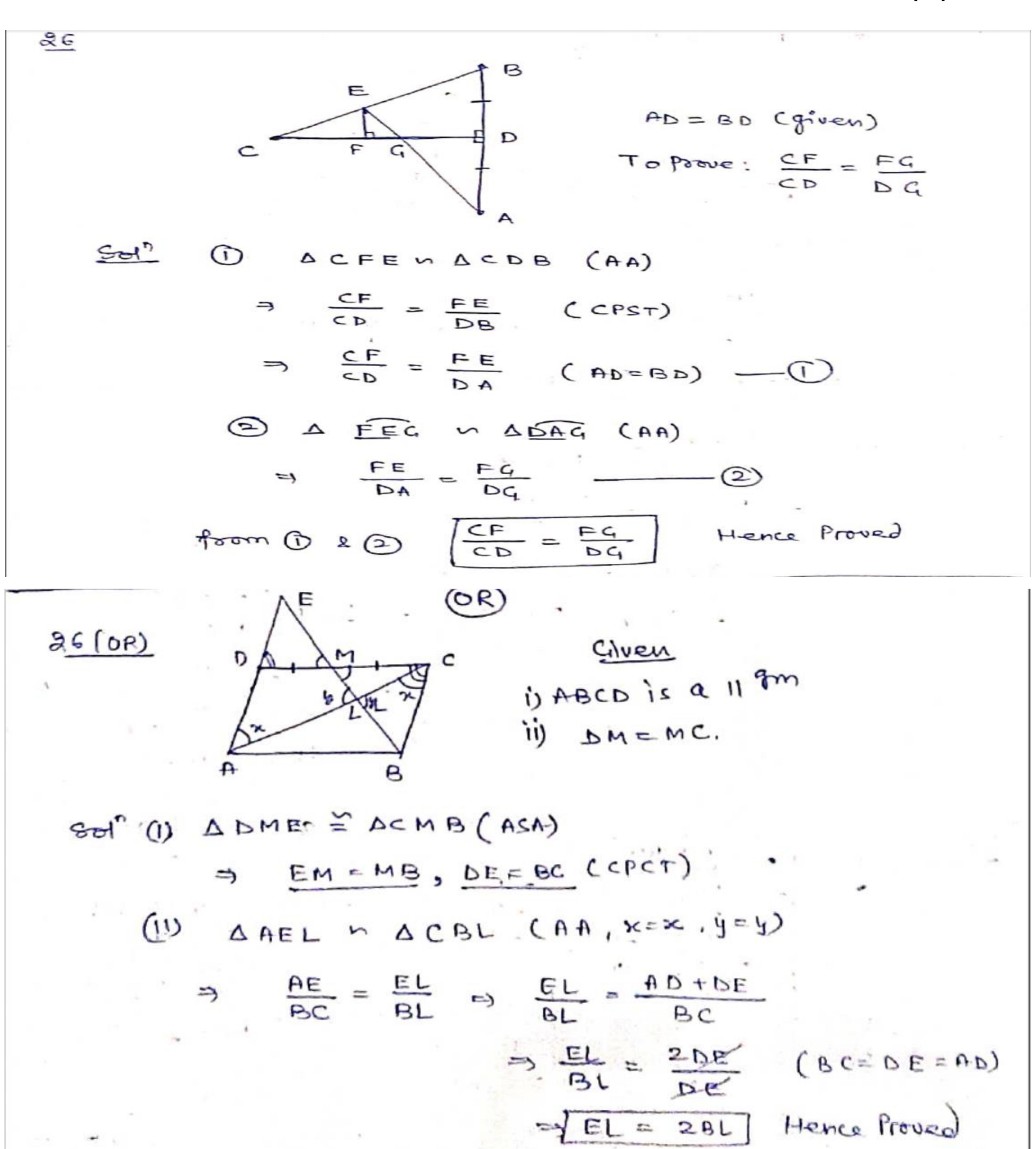




JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

27. A fraction becomes  $\frac{1}{3}$  when 1 is subtracted from the numerator. It becomes  $\frac{1}{4}$  when 8 is added to the denominator. Find the fraction.

Case-1 
$$\frac{x-1}{y} = \frac{1}{3}$$

Case-2

 $\frac{x}{y+8} = \frac{1}{4}$ 
 $\frac{3x-y=3}{3x-y=3} = 0$ 

Solving  $0 \ge 2$ 
 $\frac{3x-y=3}{-x-y=3} = 0$ 
 $\frac{3x-y=3}{-x-y=3} = 0$ 

Fraction is  $\frac{5}{12}$  Ans.

#### 28. Prove that:

$$\frac{\tan A}{1 + \sec A} - \frac{\tan A}{1 - \sec A} = 2 \csc A$$

0.28

LHS = 
$$\frac{\tan A}{1 + \sec A} - \frac{\tan A}{1 - \sec A}$$

=  $\frac{\tan A}{\cot A + 1} + \frac{\tan A}{\cot A - 1}$ 

=  $\tan A \left( \frac{1}{\cot A + 1} + \frac{1}{\sec A - 1} \right)$ 

=  $\tan A \left( \frac{2 \sec A}{\cot A + 1} \right) = \frac{1}{\cot A} \left( \frac{2 \sec A}{\cot A} \right)$ 

=  $\frac{1}{\cot A} \left( \frac{2 \cot A}{\cot A} \right) = \frac{1}{\cot A} \left( \frac{2 \cot A}{\cot A} \right)$ 

Hence, Proved

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

## 29. Find the mean of the following frequency distribution:

Classes	25 – 30	30 – 35	35 - 40	40 – 45	45 - 50	50 - 55	55 – 60
Frequency	14	22	16	6	5	3	4

0.29

class	1 xi	J.	Wi= Th	fiui
25-30	37.5	14	-3	-42
30-35		22	-2	
		16	-1	
35-40		6	0	0
40-45	47.5	5	1	5
45-50	52.5	3	2	6
55-60	57.5	4	3	12
		Z=7	0	2=-79
	ns	36.		

assumed mean (a) = 
$$42.5$$
  
 $h = 5$   
Mean ( $\bar{x}$ ) =  $\bar{u} \times h + a$   
or  
 $a + \sum_{f \mid u' \times h}$   
 $= 42.5 + \frac{(-75)}{70} \times 5$   
 $= 42.5 - \frac{79}{14}$   
 $= 42.5 - 5.64 = 36.86$ 

30. (a) Prove that  $\sqrt{3}$  is an irrational number.

#### OR

(b) The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds respectively. If they change simultaneously at 7 a.m., at what time will they change together next?

O7:07:12 AM



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

OR

b) we need to find LCM in this Q

= 7 min 12 fec.

so the time when they change simultaneously after 7 AM is

31. Find the common difference of an A.P. whose first term is 8, the last term is 65 and the sum of all its terms is 730.

31 AP, d=? 
$$q = g$$
 (first term)
$$l = 65 \text{ (last lerm)}$$

$$Sn = 730$$

$$Sn = \frac{n}{g} \text{ (q+g)}$$

$$730 = \frac{n}{g} \text{ (g+65)}$$

$$730 = \frac{n}{g} \text{ (73)}$$

$$n = 20$$

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

32. (a) A train travels at a certain average speed for a distance of 54 km and then travels a distance of 63 km at an average speed of 6 km/h more than the first speed. If it takes 3 hours to complete the journey, what was its first average speed?

OR

(b) Two pipes together can fill a tank in  $\frac{15}{8}$  hours. The pipe with larger diameter takes 2 hours less than the pipe with smaller diameter to fill the tank separately. Find the time in which each pipe can fill the tank separately.

(a) det first average speed = 2 Km/hr

(a) time in first case = 54 hrs.

(Part) 2 hrs.

 $2^{\text{nel}}$  Post: distance = 63, speed = x + 6time =  $\frac{63}{100}$ 

total time = 3

$$\frac{54}{5} + \frac{63}{546} = 3$$

 $\Rightarrow \frac{18}{x} + \frac{21}{x+6} = 1 \Rightarrow 18x + 108 + 21x = x(x+6)$ 

$$9 x^2 - 332 - 108 = 0$$

$$(x-36)(x+3)=0$$

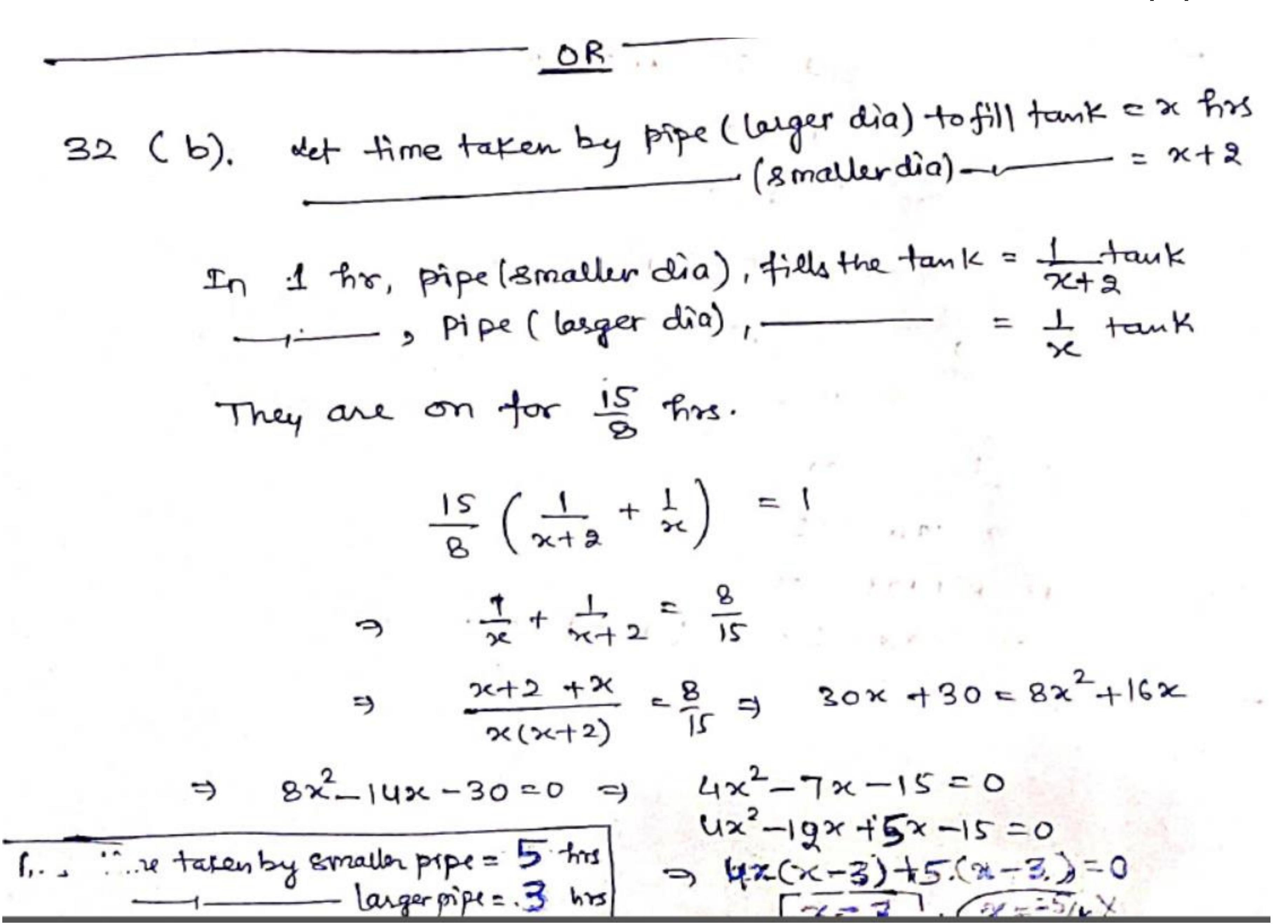
first average speed = 36 km/hr



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

#### Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3



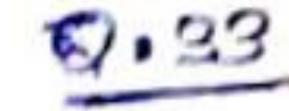
A horse is tied to a peg at one corner of a square shaped grass field of side 15 m by means of a 5 m long rope. Find the area of that part of the field in which the horse can graze. Also, find the increase in grazing area if length of rope is increased to 10 m. (Use  $\pi = 3.14$ )

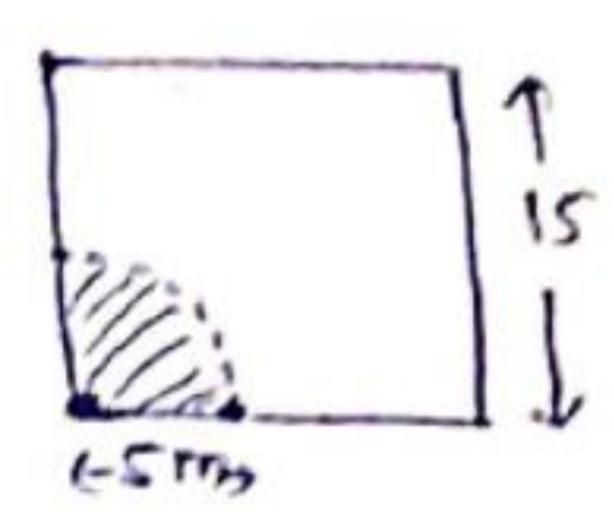


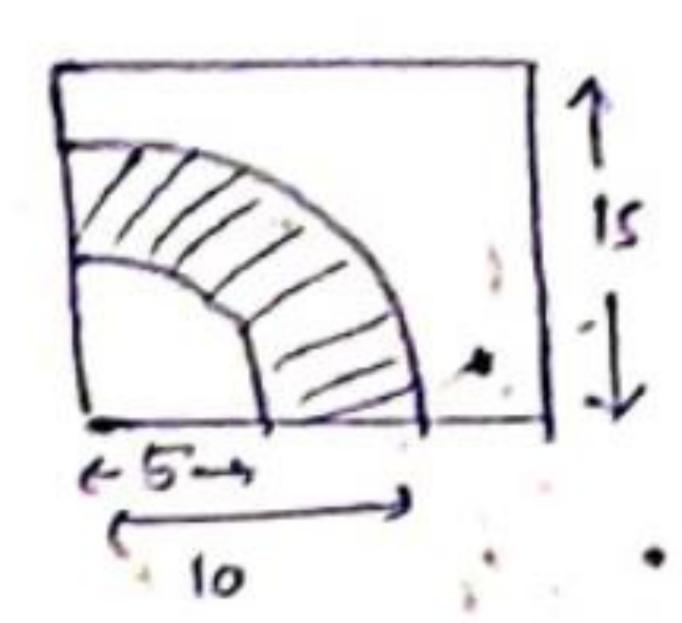
JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3







(i) Area which can be grazed by horse with 5 m rope

$$=\frac{1}{4}\times\pi(s)^{2}=\frac{25\pi}{4}m^{2}$$



$$= \frac{25}{4} \times 3.14 = \frac{314}{16} \text{ m}^2$$

$$= 19.6 \text{ m}^2$$

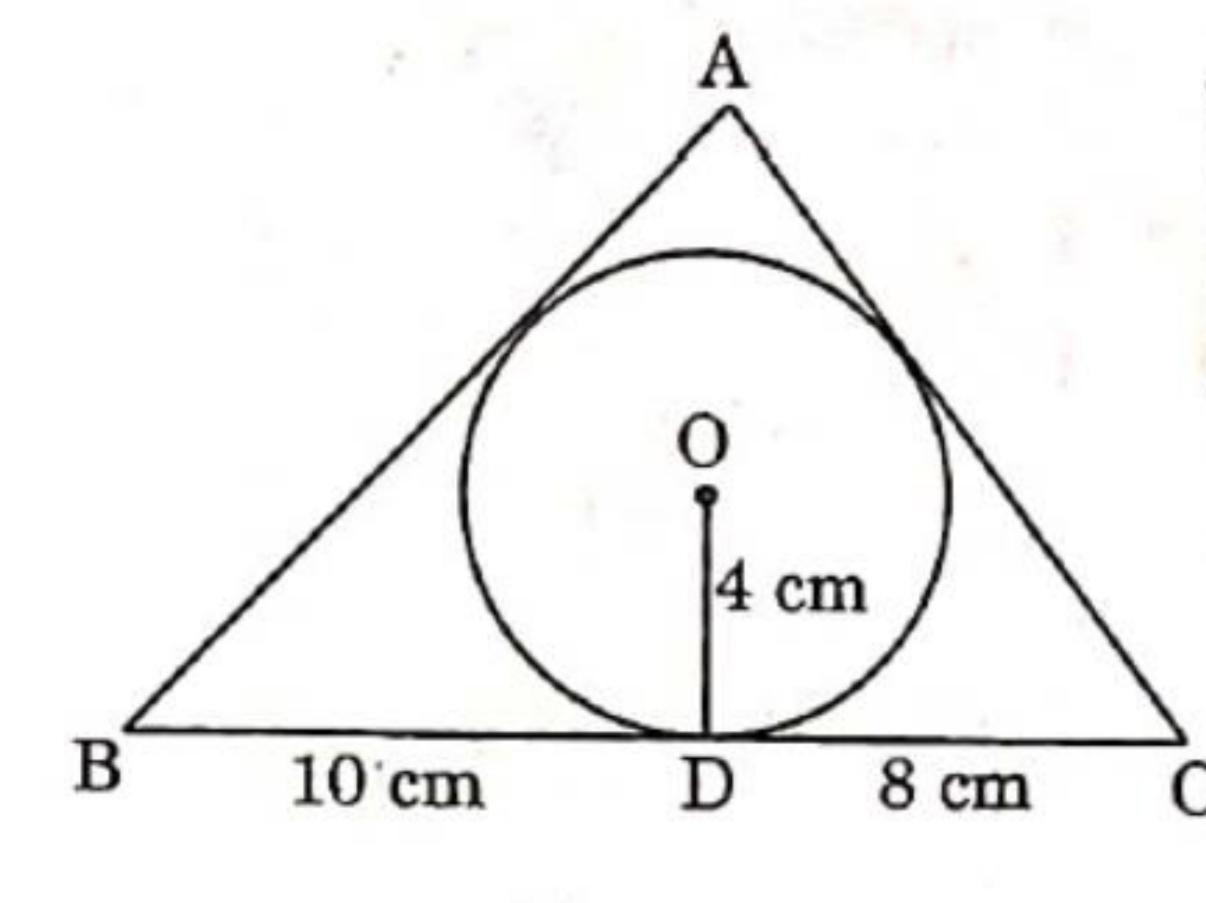
(11) Increase in area when repe is changed from 5 m to 10m leupth

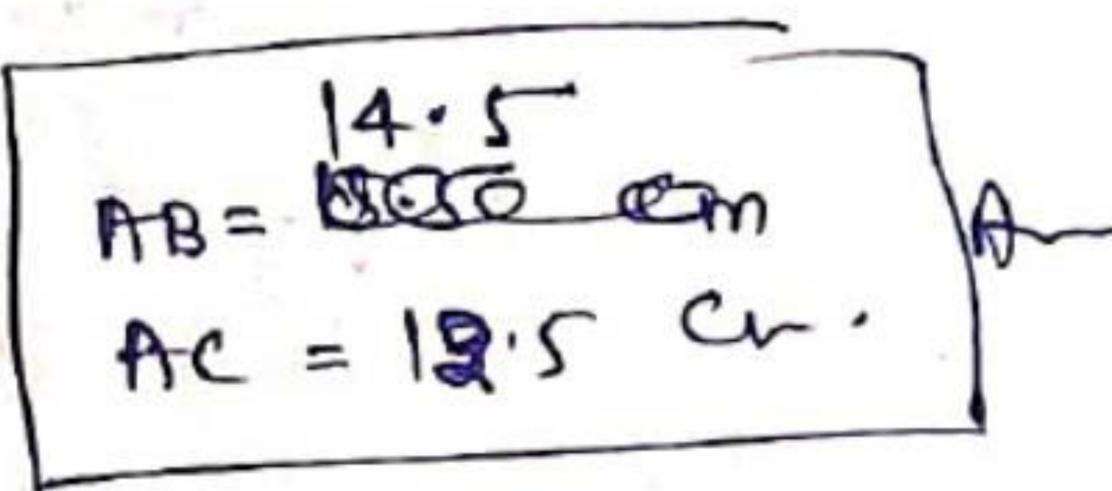
$$=\frac{1}{4}\pi(10)^{2}-\frac{1}{4}\pi(5)^{2}$$

$$= \frac{7}{4}(100-25) = \frac{75}{4} \text{ m}^2$$

$$= \frac{75}{4} \times 3.14 = 58.87 \text{ m}^2$$

34. (a) A triangle ABC is drawn to circumscribe a circle of radius 4 cm such that the segments BD and DC are of lengths 10 cm and 8 cm respectively. Find the lengths of the sides AB and AC, if it is given that area Δ ABC = 90 cm<sup>2</sup>.





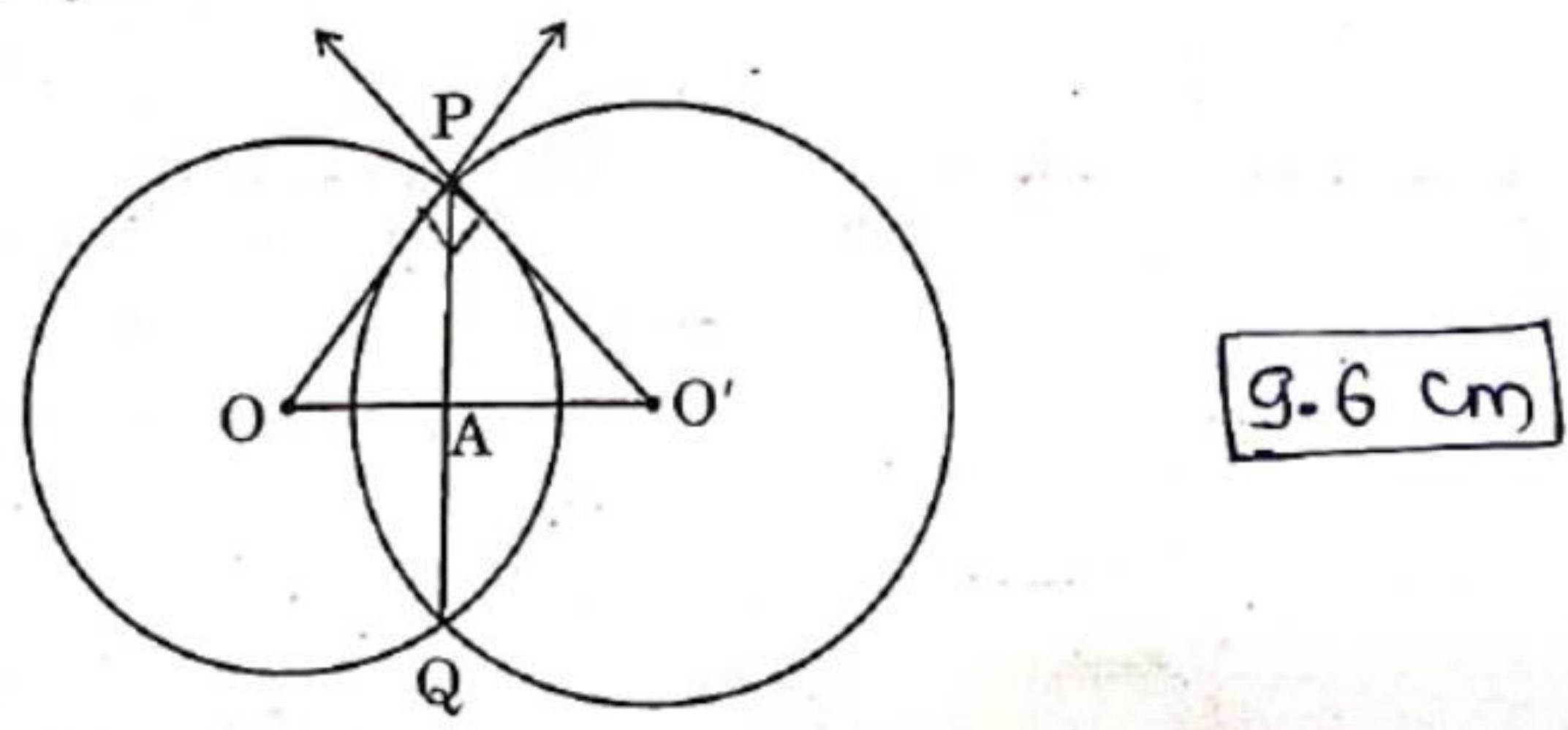


#### JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

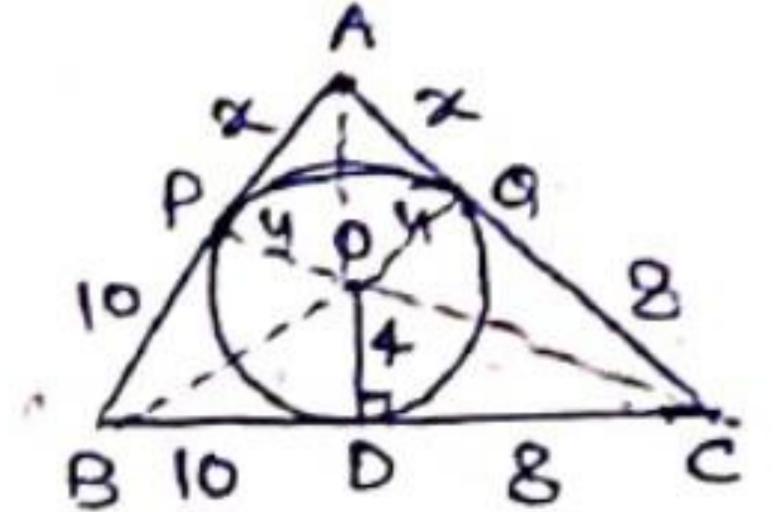
## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

(b) Two circles with centres O and O' of radii 6 cm and 8 cm, respectively intersect at two points P and Q such that OP and O'P are tangents to the two circles. Find the length of the common chord PQ.



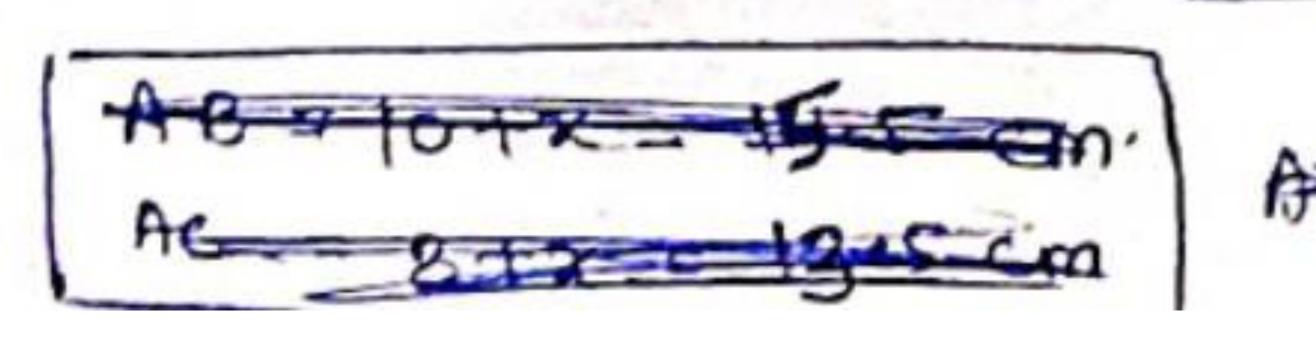
Q.34 (a)

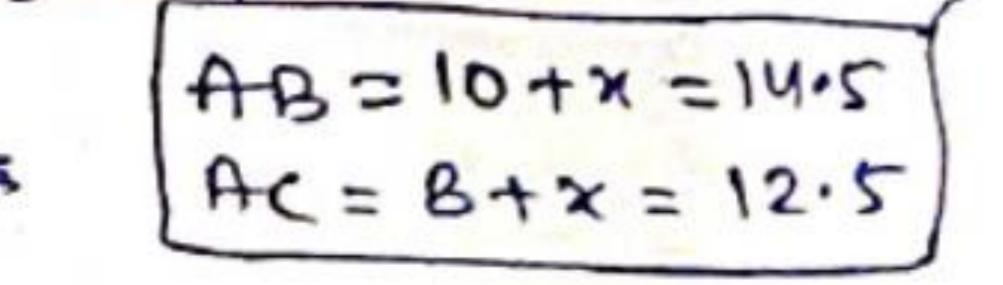


Construction: Join OP,00 (P,00 are point of contact)
Join OA,0B,0C

AT (AABC) = AT (AOB) + AT (BOC) + AT (AOC)

80





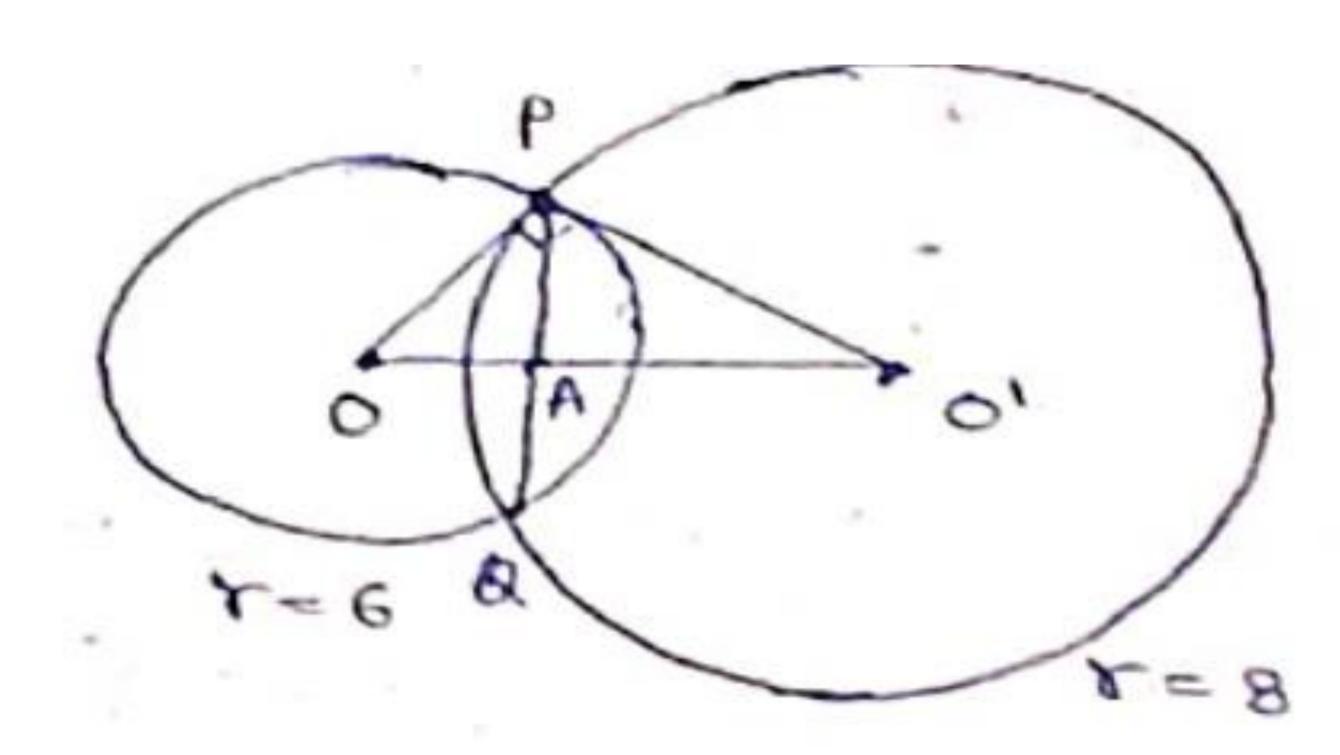


JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

#### Use link given in description to download this PDF

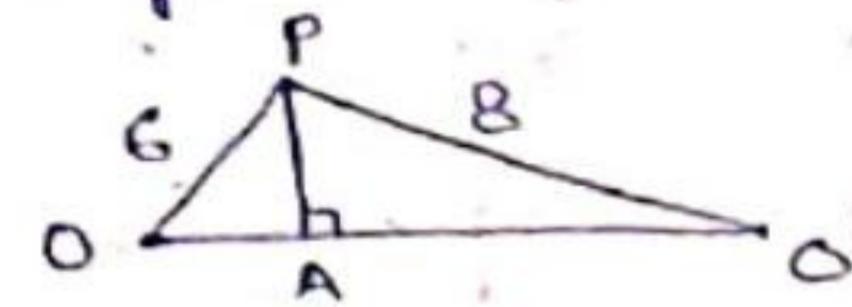
# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

Q.34(b) OR



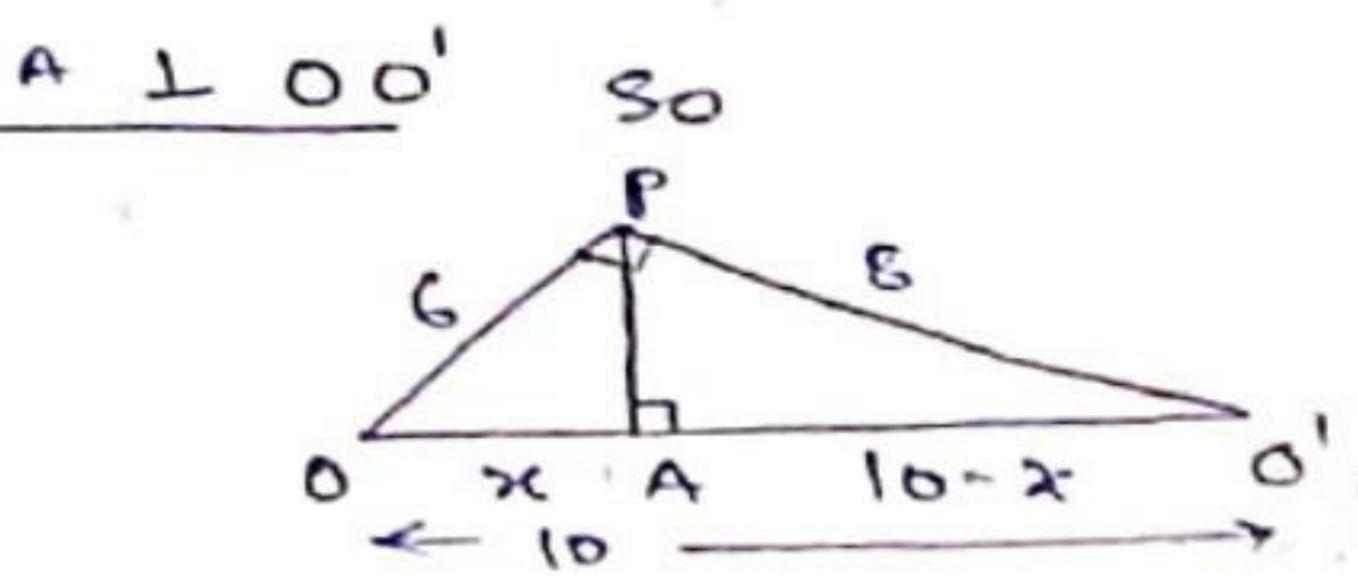
PB = 3 O'P is langent of OP 1 o'P

Now the figure belongs to right s



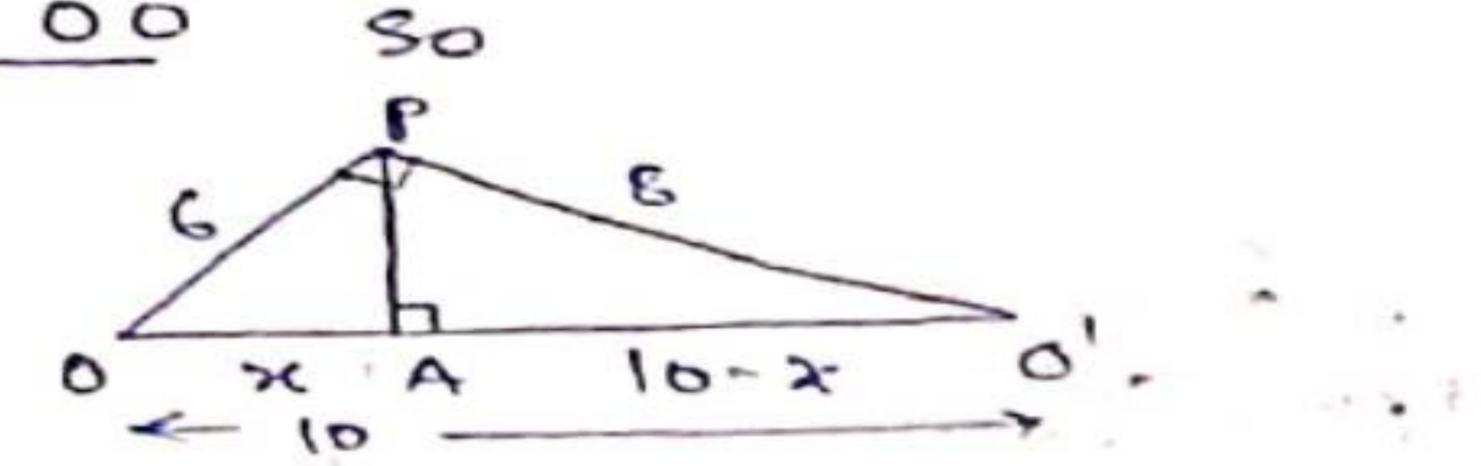
only I bisector of pa can pass through o e o'

3



only I bisector of pa can pass through o e o'

3



'OO' = 10 ( PGT in DOPO') = OA = 20, d'A = 10-26

SO' PA = A-0

More DPAO' " DOPO' (AA (siteria)

FP8= 2×4.8 = 9.6cm

Tip: you could use trigonometry here instead of

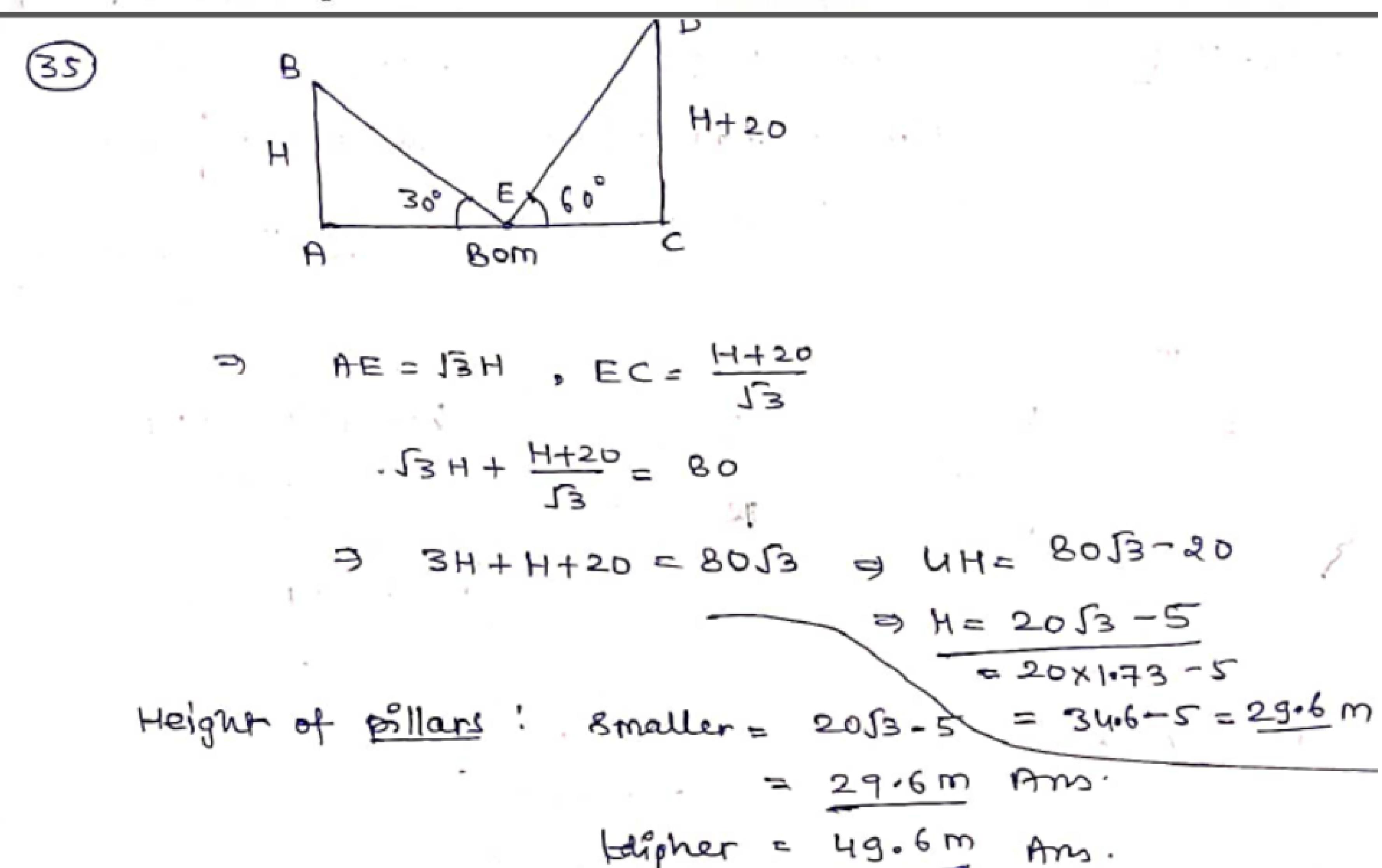


JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

35. Two pillars are standing on either side of a 80 m wide road. Height of one pillar is 20 m more than the height of the other pillar. From a point on the road between the pillars, the angle of elevation of the higher pillar is  $60^{\circ}$ , whereas that of the other pillar is  $30^{\circ}$ . Find the position of the point between the pillars and the height of each pillar. (Use  $\sqrt{3} = 1.73$ )



position of point = 13H m fax from smaller pill. = 13(2053-5)= 60-553=  $60-5\times1.73$ = 60-8.65=51.35 m

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

### SECTION E

This section comprises 3 case study based questions of 4 marks each.

## Case Study - 1

36. In a pool at an aquarium, a dolphin jumps out of the water travelling at 20 cm per second. Its height above water level after t seconds is given by  $h = 20t - 16t^2$ .



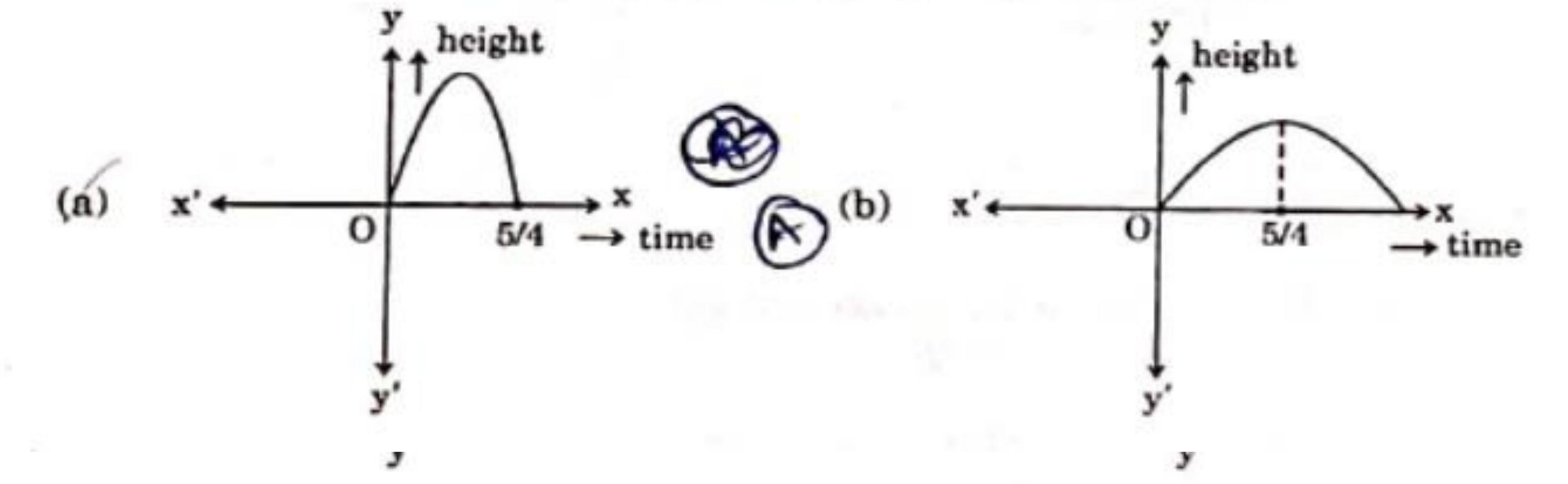
Based on the above, answer the following questions:

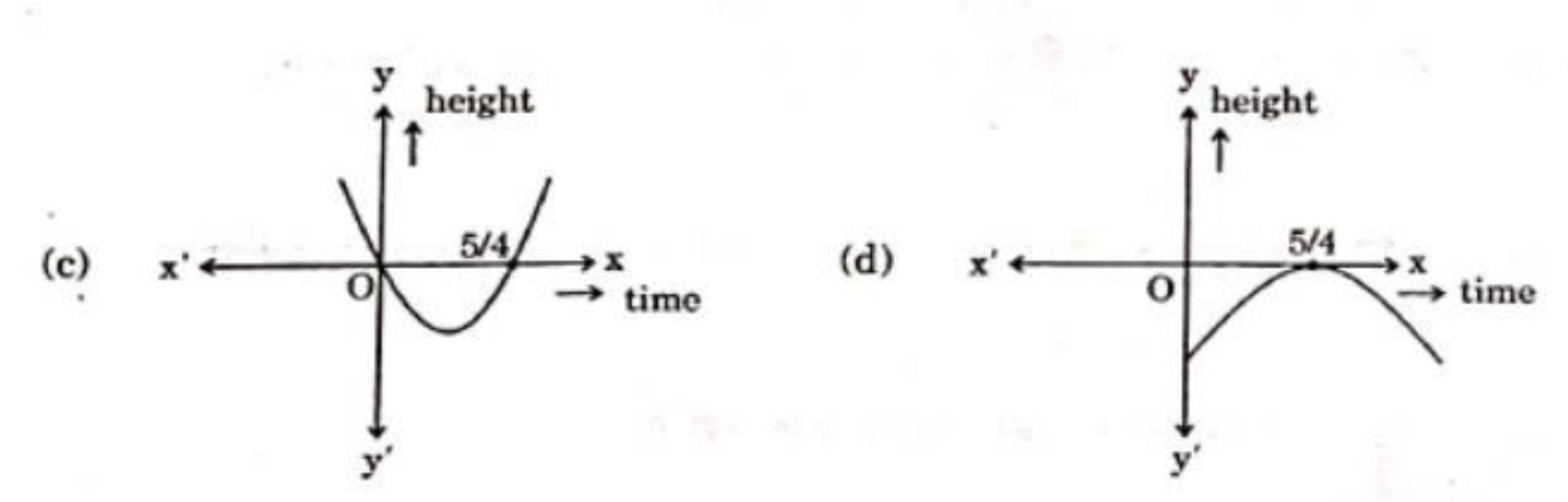
(i) Find zeroes of polynomial  $p(t) = 20t - 16t^2$ .

0, 4

(ii) Which of the following types of graph represents p(t)?

1







JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

074

- (iii) (a) What would be the value of h at  $t = \frac{3}{2}$ ? Interpret the result. 2

  OR 6 cm, 6 cm water (200).
- (iii) (b) How much distance has the dolphin covered before hitting the water level again?

cone h= 20t-16t2, t= time in sec h= 20t-16t2, h= height above water level

ci) zeroes of polynomial  $20t-16t^2=0$   $\Rightarrow$  t=0 or  $\frac{20}{16}$   $\frac{20}{16}$  0,  $\frac{20}{4}$  so Ans.

(1) (A), because, y=0 at t=0 2 5 from above and height eter(y) first increases then. decreases.

(111) at  $t = \frac{3}{2}$  see,  $h = 20 \times \frac{3}{2} - 16 \times \frac{9}{4} = 30 - 36 = -60 \text{m}$ Dolphin is 60m below the westerlevel

36 (111) b: Speed of dolphin = 20 cm/fec time of light (above water level) =  $\frac{5}{4}$  cers. so distance =  $20 \times \frac{5}{4} = 25 \text{ cm}$ 



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

#### Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

## Case Study - 2

37. A golf ball is spherical with about 300 - 500 dimples that help increase its velocity while in play. Golf balls are traditionally white but available in colours also. In the given figure, a golf ball has diameter 4.2 cm and the surface has 315 dimples (hemi-spherical) of radius 2 mm.





Based on the above, answer the following questions:

- (i) Find the surface area of one such dimple. 0.08 to cm2
- (ii) Find the volume of the material dug out to make one dimple. O'O' ( TG)
- (iii) (a) Find the total surface area exposed to the surroundings. 2

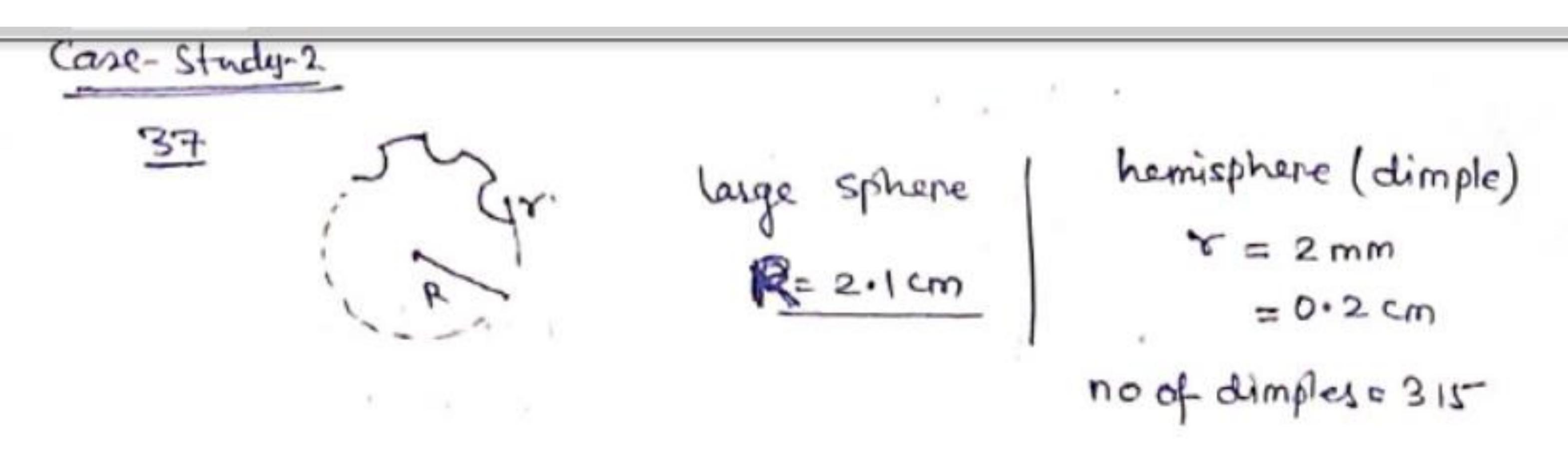
  OR
- (iii) (b) Find the volume of the golf ball. 11.256 7 cm3



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3



(i) S.A of one such dimple = 
$$2\pi r^2$$

$$= 2\pi \times 0.04$$

$$= 0.08\pi \text{ cm}^2$$

(11) material dug out to make one dimple = 
$$Volof$$
 one hemisphere =  $\frac{2}{3}\pi x^3$  =  $\frac{2}{3}\pi (0.2)^3$  =  $\frac{2}{3}\pi \times 0.008 = 0.016\pi \text{ cm}^3$ 

(III) 
$$\alpha$$
 Total surface area exposed to surrounding  
=  $TSA$  of sphere —  $315 \pi r^2 + 315(2\pi r^2)$   
=  $4\pi R^2 + 315 \pi r^2$   
=  $\pi \left[ 4(2\pi)^2 + 315 \times (0.2)^2 \right]$   
=  $\pi \left[ 17.64 + 12.6 \right]$   
=  $30.24 \pi \text{ cm}^2$ 

(11) b Vol of golf ball = 
$$\frac{4}{9} \cdot \pi \cdot R^3 - \frac{315}{315} \times \frac{3}{3} \pi r^3$$
  
=  $\pi \left[ \frac{1}{3} (2.1)^3 - 210 (0.2)^3 \right]$   
=  $\pi \left[ 12.936 - 1.68 \right] = 11.256 \pi \text{ cm}^3$ 



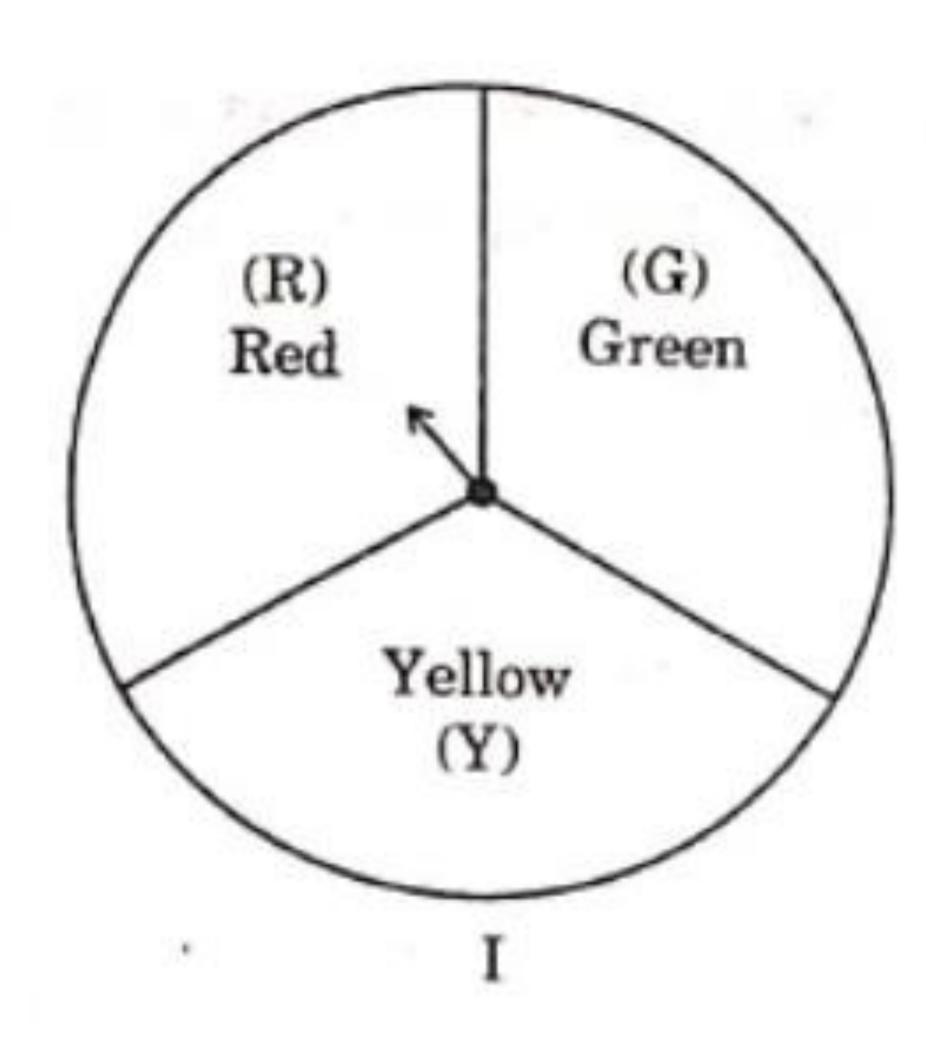
JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

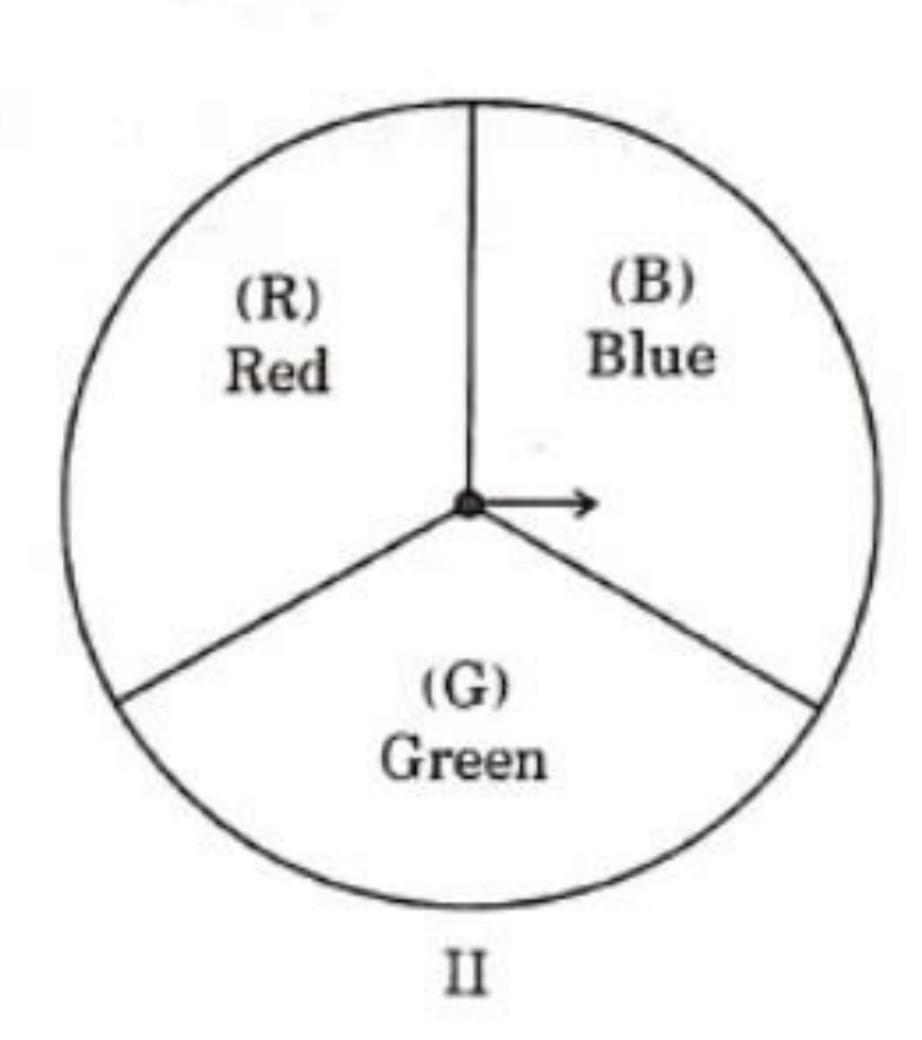
#### Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

#### Case Study - 3

38. A middle school decided to run the following spinner game as a fund-raiser on Christmas Carnival.





Making Purple: Spin each spinner once. Blue and red make purple. So, if one spinner shows Red (R) and another Blue (B), then you 'win'. One such outcome is written as 'RB'.

Based on the above, answer the following questions:

(i) List all possible outcomes of the game. RR, RB, RG, GR, GB, GG, YR, YB, YG

(ii) Find the probability of 'Making Purple'. 1

(iii) (a) For each win, a participant gets ₹ 10, but if he/she loses, he/she has to pay ₹ 5 to the school.
If 99 participants played, calculate how much fund could the school have collected.

#### OR

(iii) (b) If the same amount of ₹ 5 has been decided for winning or losing the game, then how much fund had been collected by school? (Number of participants = 99)



JEE MAIN | ADVANCED | NEET | COMMERCE | 8th, 9th, 10th | CA Foundation

## Use link given in description to download this PDF

# SOLUTIONS: 10th CBSE MATHS 2023 STANDARD SET 3 CODE 30/5/3

amount (possible) which, school could collect
= 88×5 - 11×10
= 440-110
= 330 Re-

4 This question that is out not appropriate, amount must be written as possible amount.