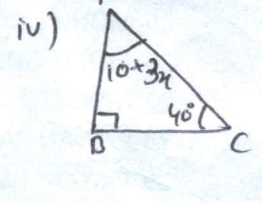
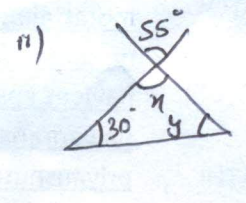
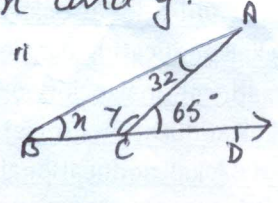
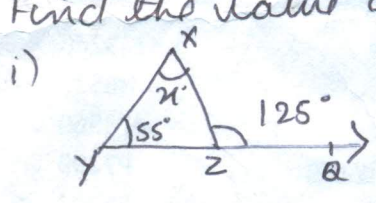
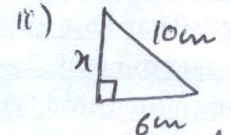
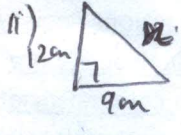
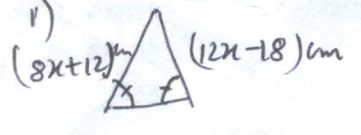


- Subtract $11x^2$ from $-3x^2$
- Add $5x^2y, -8x^2y, 7x^2y$
- What should be added to $7x^2 - 2y^2 - 6xy + 4$ to get $2y^2 + 2x^2 - 1 + 2xy$?
- Subtract the sum of $(8m - 7n + 6p^2)$ and $(-3m - 4n - p^2)$ from the sum of $(2m + 4n - 3p^2)$ and $(-m - n - p^2)$
- Simplify: i) $(x-6)(4x+9)$ ii) $(3x+4)(2x-3) + (5x-4)(x+2)$
- Find the solution of equations:
 - $\left[\frac{x-1}{3} = 2\right] \div \text{by } 3$
 - $[-2(1-x) = -12] \times \text{by } -2$
 - $3s + 12 = 0$
- Set up an equation & solve it
 - Add 4 to 5 times a number to get 64.
 - Mohan is 20 yrs younger to his Mother. After 10 yrs, his mother will be twice as old as Reena will be then. How old is Reena now?
- The average of two numbers is 22. If one of the number is 17. What is the other number?
- In ΔABC , $\angle A = 35^\circ$ and $\angle B = 65^\circ$. Find the measure of $\angle C$.
- If one angle of a triangle is equal to sum of other two. Show the triangle is right angled.
- Find the value of x and y .



12. Find the value of unknown angle



13. Is there a triangle whose sides have length 9cm, 4cm and 3cm

14. A rectangular gate is 3m wide has 5m diagonal. How high is the gate?

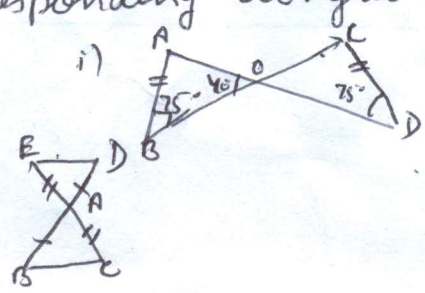
15. Find k is following is pythagorean triplet.

- (i) $[8, 15, k]$ (ii) $[x, 24, 26]$ (iii) $[15, 20, k]$

16. Write four criteria of congruency of triangles.

17. Identify the all corresponding congruents parts.

18. Show $\Delta PAS \cong \Delta PRS$
 $\Delta ABO \cong \Delta CBO$



19. In fig prove $BE \parallel ED$

