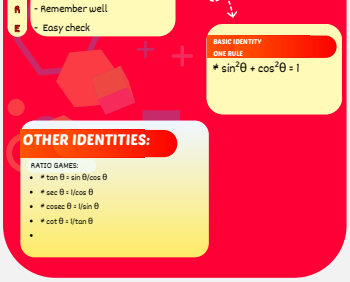
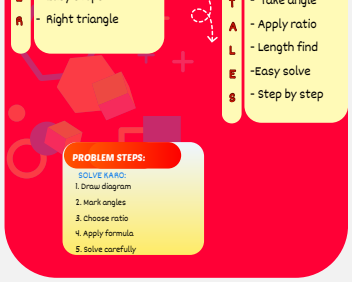
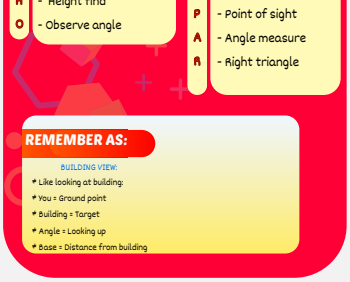

T
y
- Two angles
- Yaad karo
T
E
A
M
- Thirty and Sixty
- Easy pairs
- Angle sum 90°
- Main concept
QUICK RULES:
ULTA SEEDHA
* sin θ = cos(90° - θ)
* cos θ = sin(90° - θ)
* tan θ = 1/tan(90° - θ)
EXAMPLE
* sin 30° = cos 60°
* cos 30° = sin 60°


A
E
- Remember well
- Easy check
BASIC IDENTITY
ONE RULE
* sin²θ + cos²θ = 1
OTHER IDENTITIES:
RATIO GAMES:
* tan θ = sin θ/cos θ
* sec θ = 1/cos θ
* cosec θ = 1/sin θ
* cot θ = 1/tan θ


A
- Right triangle
T
A
L
E
S
- Take angle
- Apply ratio
- Length find
-Easy solve
- Step by step
PROBLEM STEPS:
SOLVE KARO:
1. Draw diagram
2. Mark angles
3. Choose ratio
4. Apply formula
5. Solve carefully


O
- Height find
- Observe angle
P
A
R
- Point of sight
- Angle measure
- Right triangle
REMEMBER AS:
BUILDING VIEW:
* Like looking at building:
* You = Ground point
* Building = Target
* Angle = Looking up
* Base = Distance from building