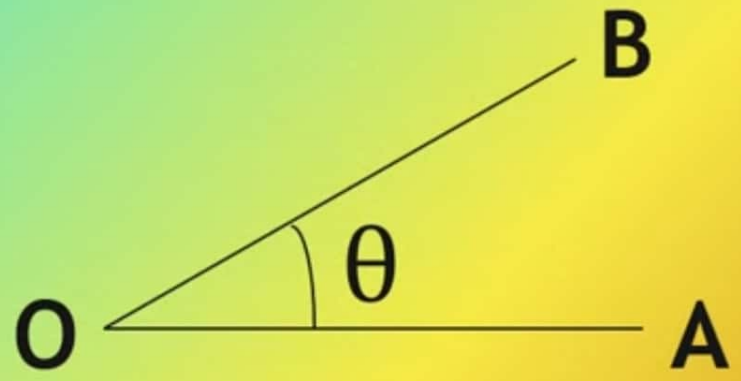
Types of Angles - Full Concept

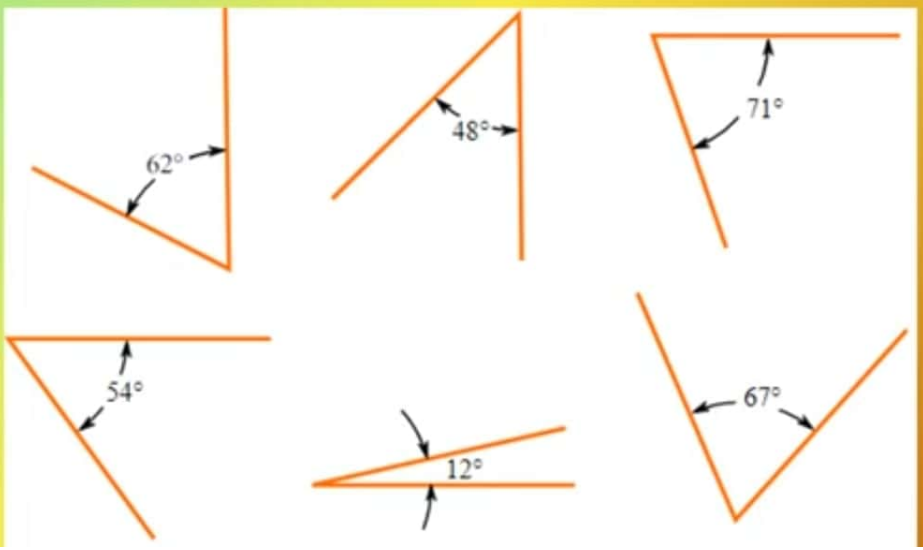
What is an "Angle"?



For Online Preparation GAT | NAT | HAT **WhatsApp:** 03121724471

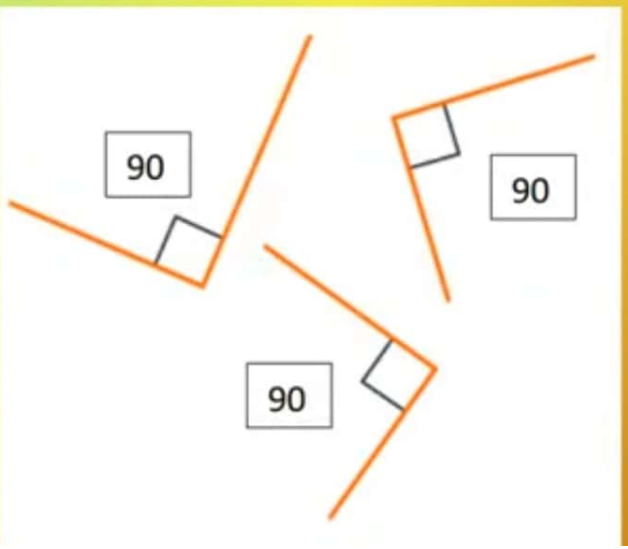
Types of Angles - Full Concept

Acute Angle: (0<Angle<90)



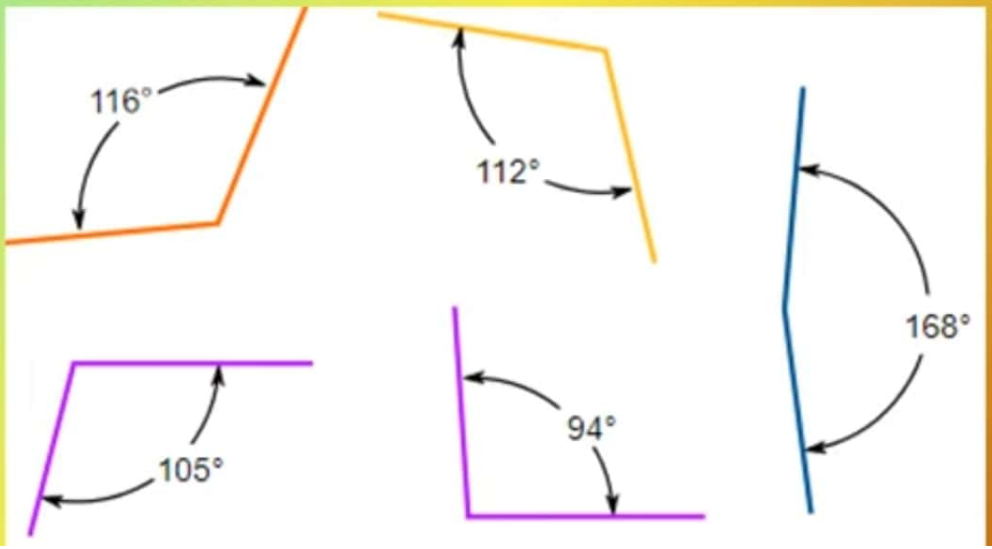
Types of Angles - Full Concept

Right Angle: (Angle=90)



Types of Angles - Full Concept

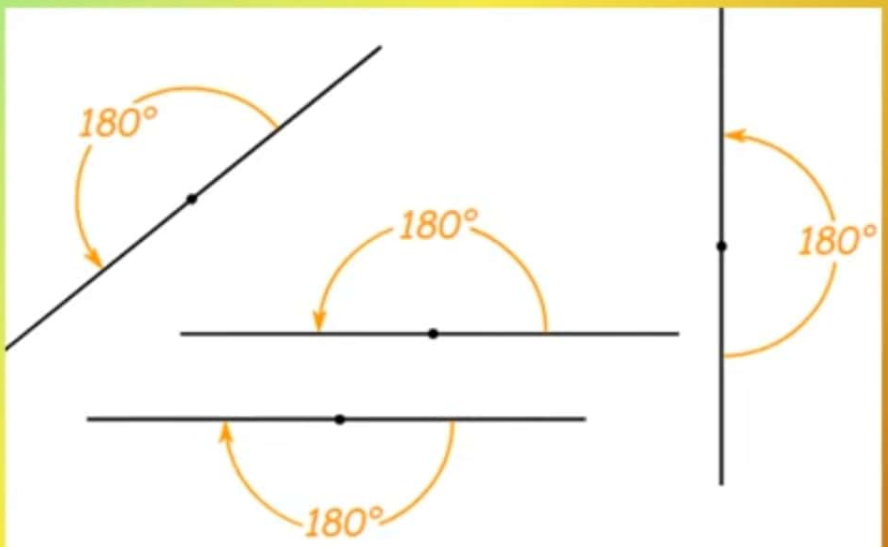
Obtuse Angle: (90<Angle<180)



For Online Preparation GAT | NAT | HAT **WhatsApp:** 03121724471

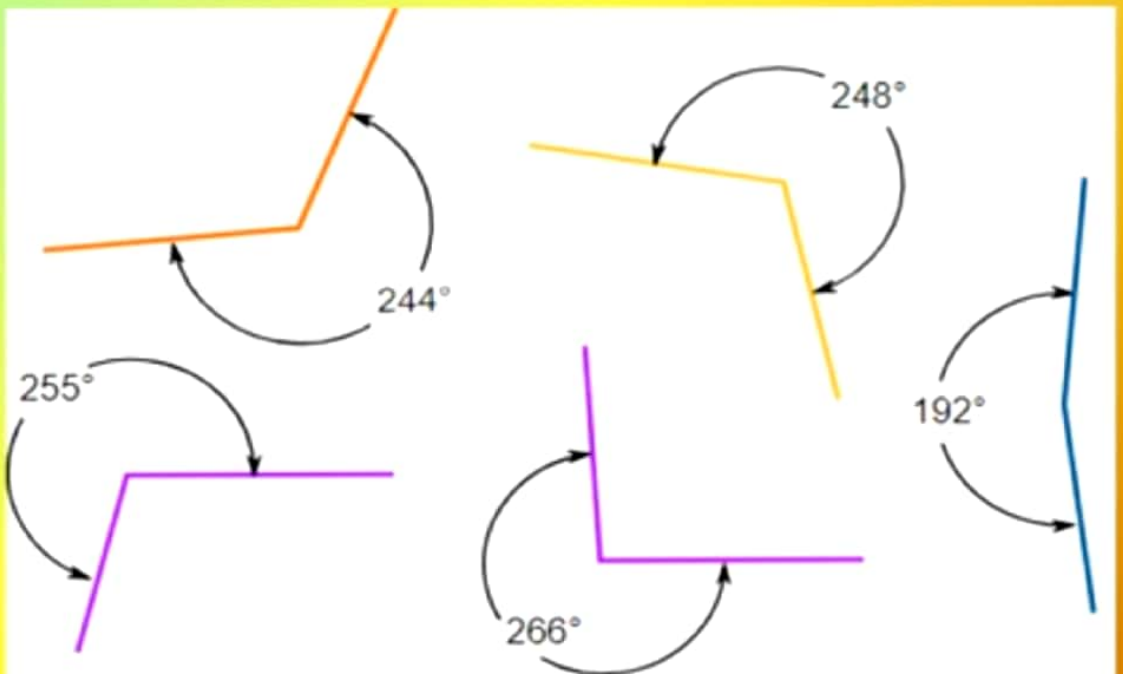
Types of Angles - Full Concept

Straight Angle: (Angle=180)



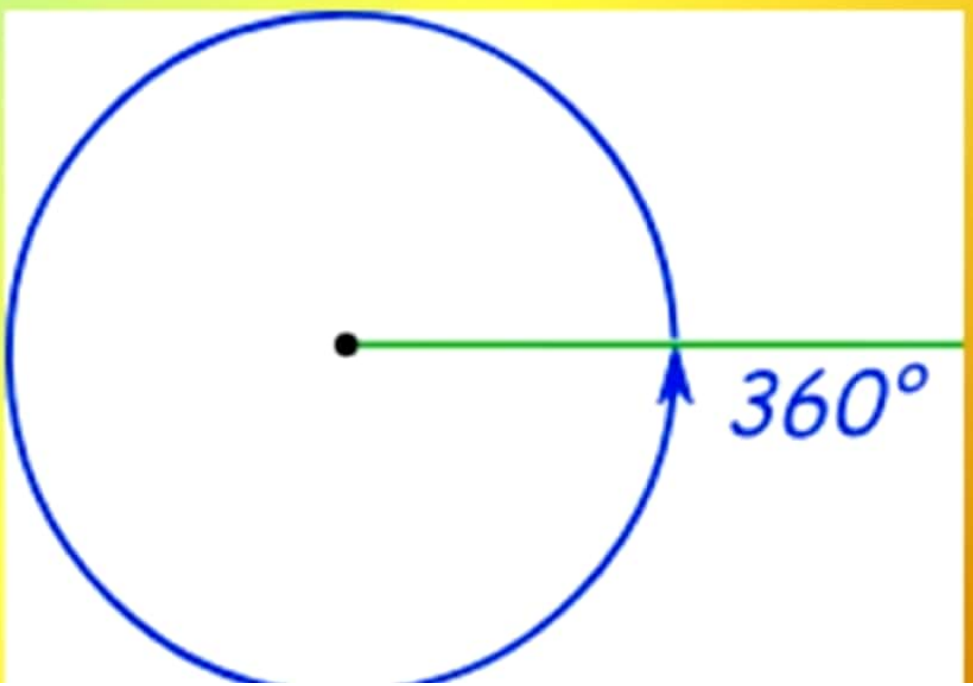
Types of Angles - Full Concept

Reflex Angle: (180<Angle<360)



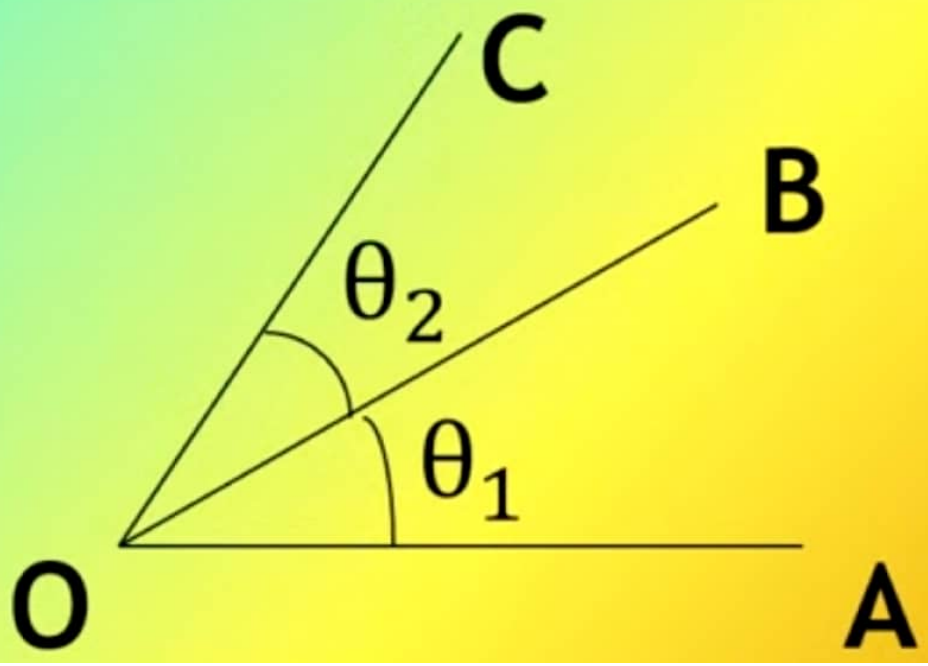
Types of Angles - Full Concept

Full Angle: (Angle=360)



Types of Angles – Full Concept

Adjacent Angles:



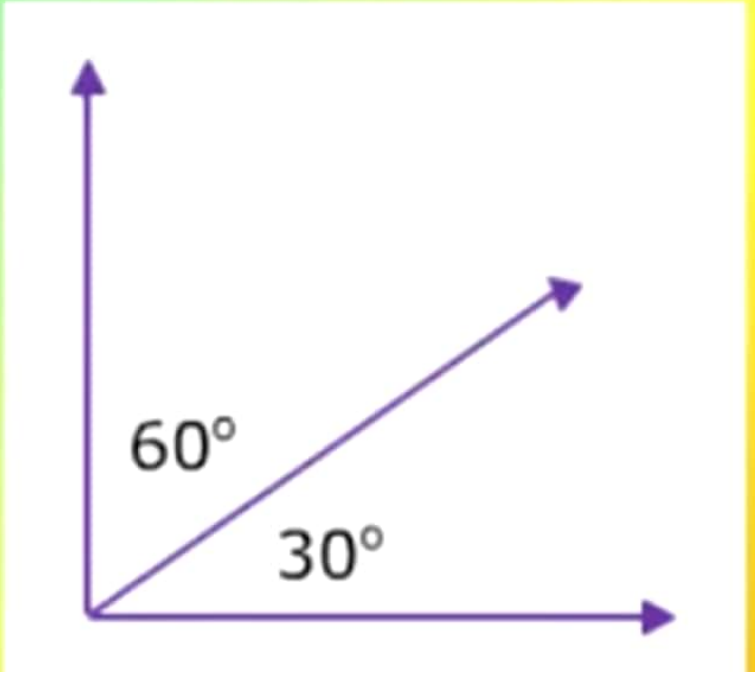
O = Common Vertex

OB = Common Side

θ_1, θ_2 = Adjacent Angles

Types of Angles - Full Concept

Complementary Angles: (Sum=90)

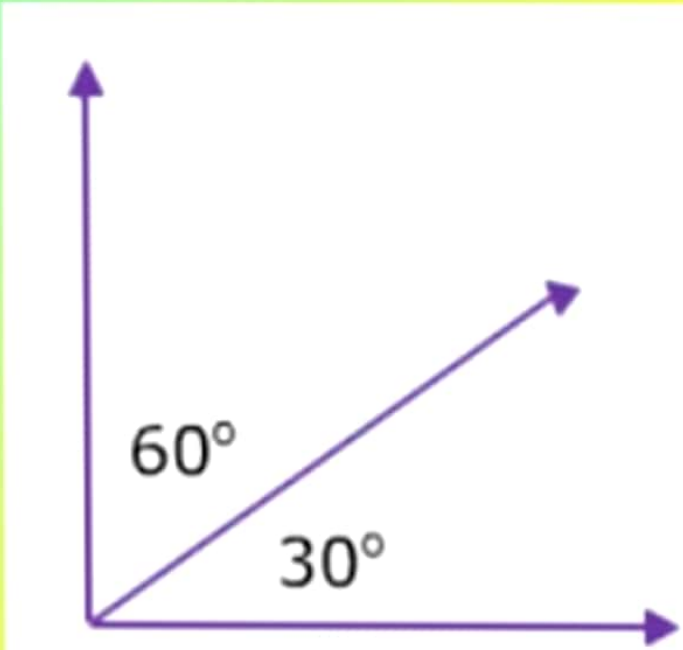


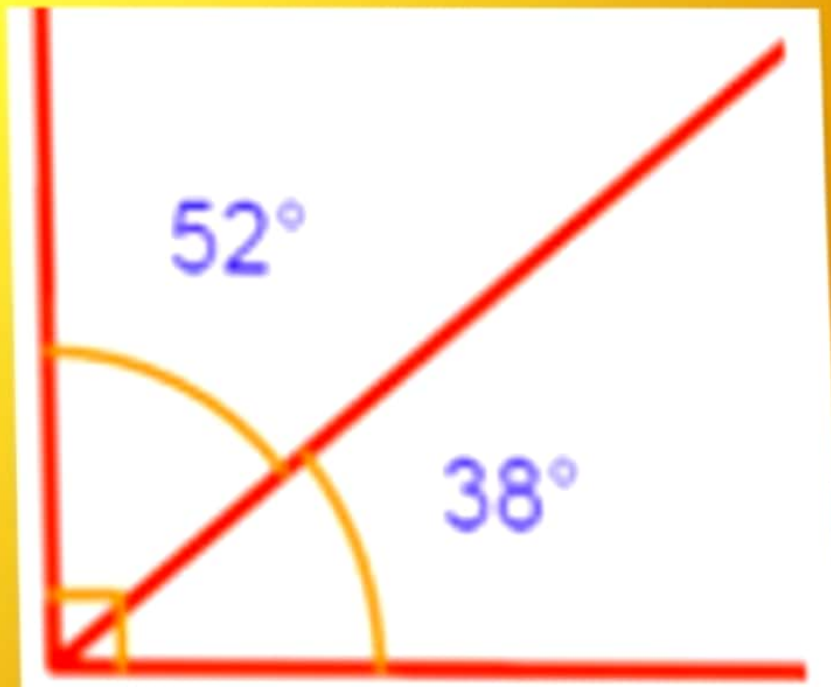
Aspirants

Types of Angles - Full Concept

أستغفر الله

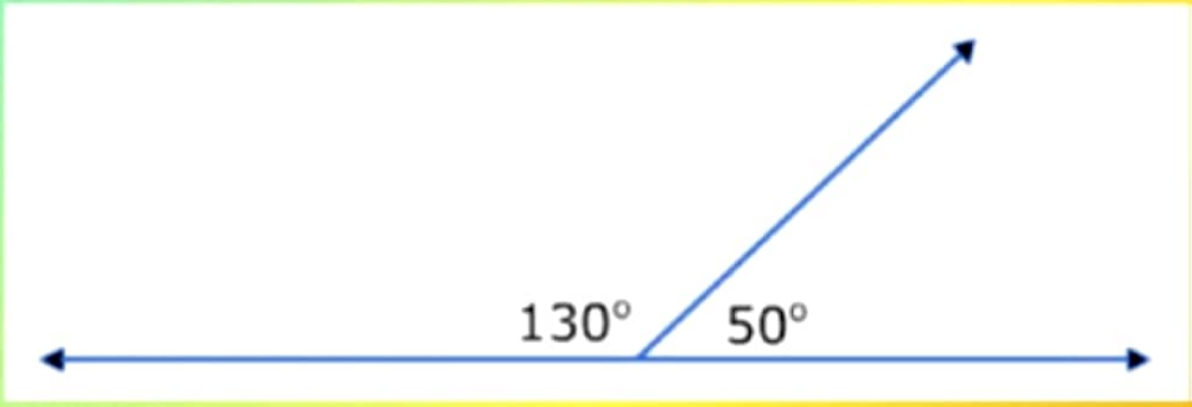
Complementary Angles: (Sum=90)

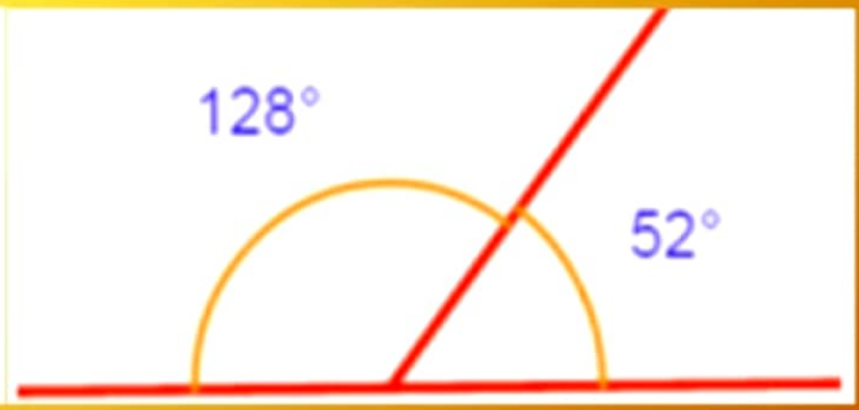




Types of Angles - Full Concept

Supplementary Angles: (Sum=180)



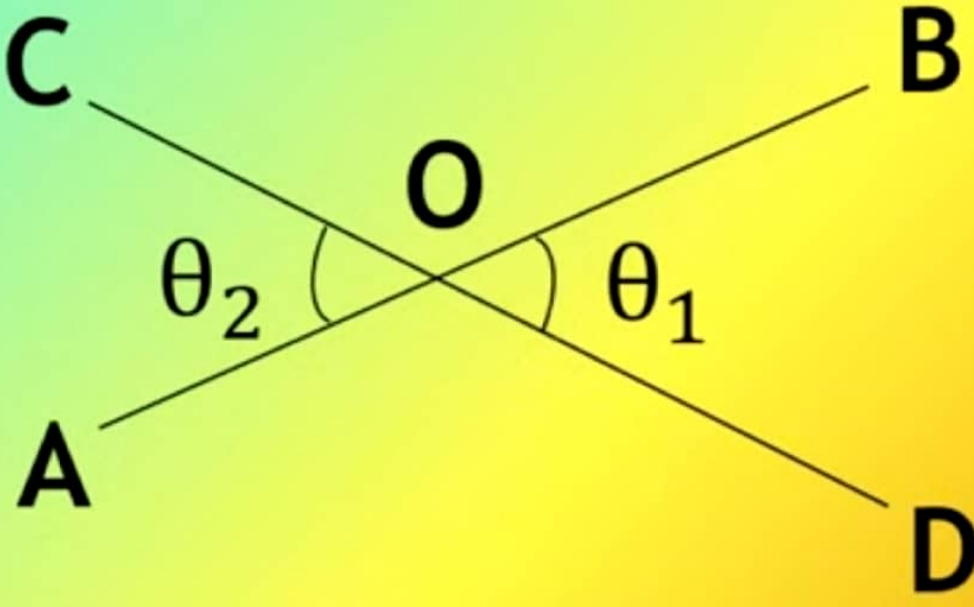


Aspirants

Types of Angles – Full Concept

أستغفر الله

Vertical Angles:



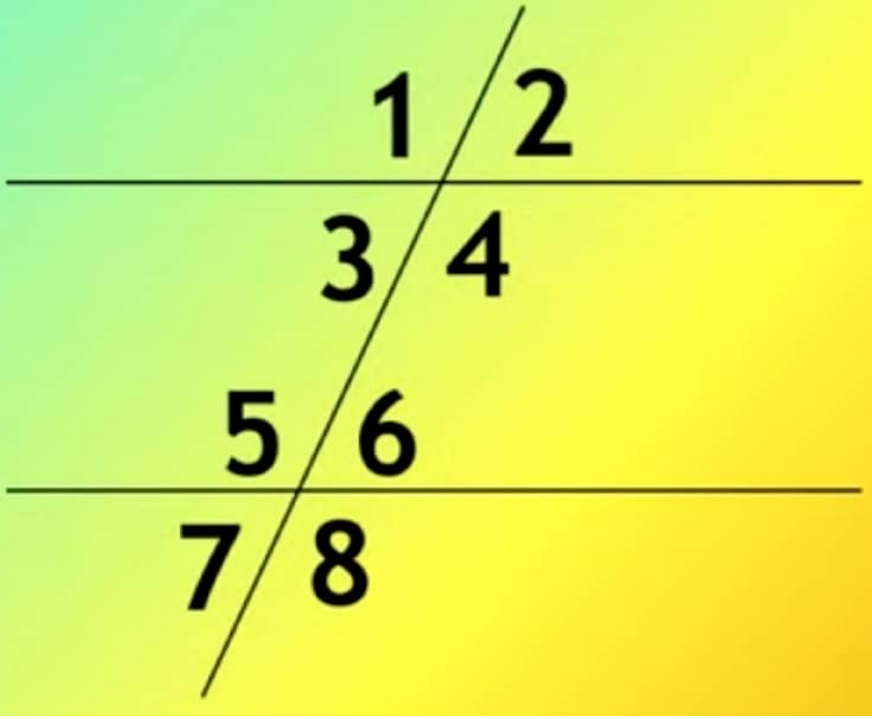
O = Common Vertex

AB, CD = Same Sides

θ_1, θ_2 = Vertical Angles

Types of Angles - Full Concept

Alternate Interior Angles:

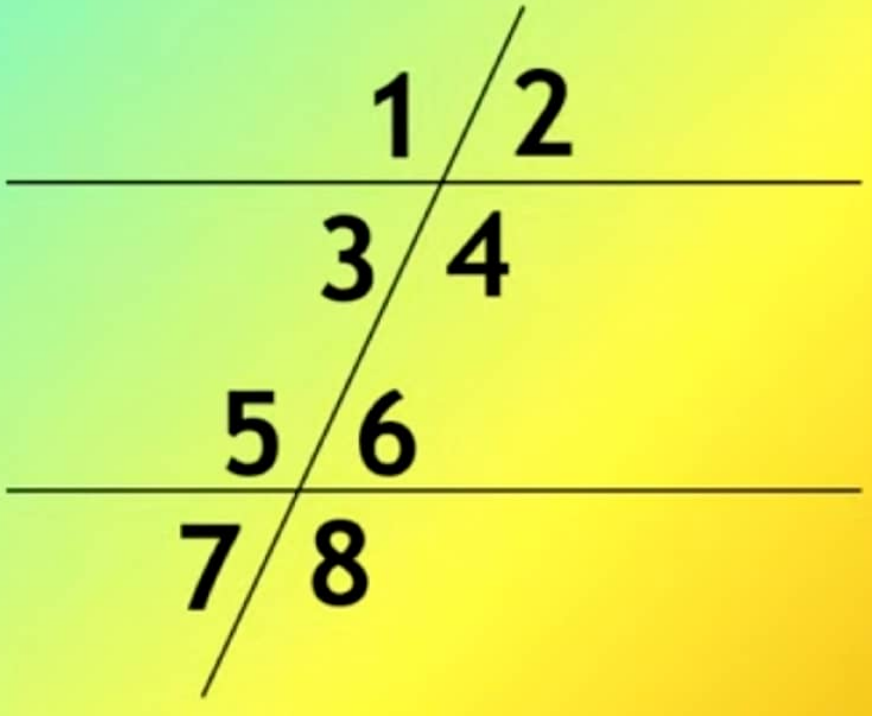


Angles 3 and 6 is a pair of alternate interior angles

Angles 4 and 5 is a pair of alternate interior angles

Types of Angles - Full Concept

Alternate Exterior Angles:



Angles 1 and 8 is a pair of alternate exterior angles

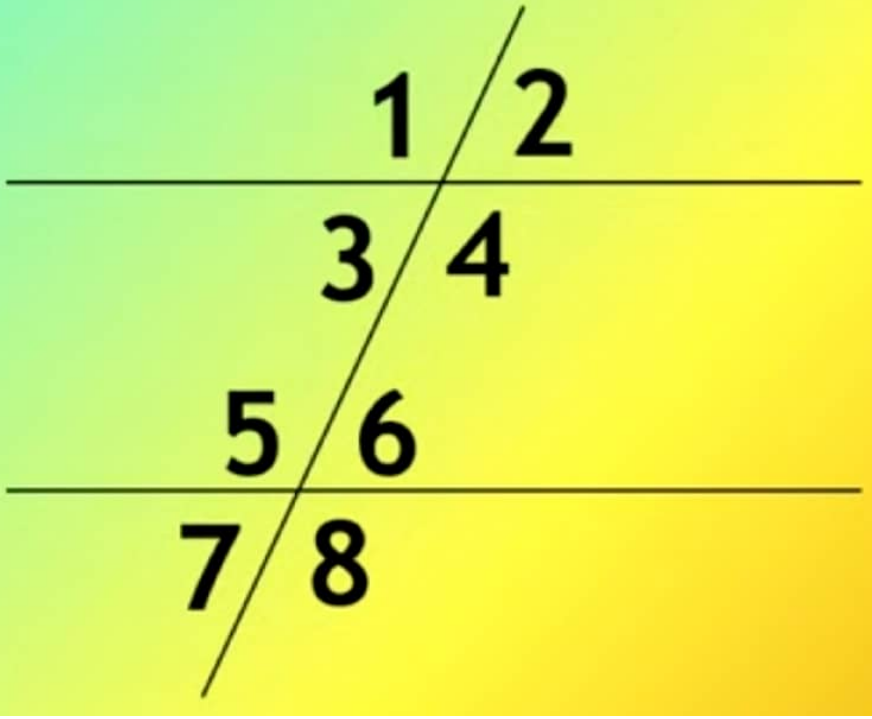
Angles 2 and 7 is a pair of alternate interior angles

Aspirants

Types of Angles – Full Concept

أستغفر الله

Corresponding Angles:



Angles 2 and 6 is a pair corresponding angles

Angles 3 and 7 is a pair corresponding angles

Aspirants
Defining Your Futures

Types of Angles – Full Concept

Quiz:

1. What is complementary angle for 36?
2. What is supplementary angle for 127?
3. What will be the name of angle if it is between 90 and 180 degrees?

Aspirants
Defining Your Futures

Types of Angles - Full Concept

Quiz Solution:

1. Complementary angle for 36 = 54
2. Supplementary angle for 127 = 53
3. Angle between 90 and 180 = Obtuse