Angles in Triangle

Check whether the angles A, B and C form a triangle. Write Yes or No. Complete the table.

Q.No	Angle A	Angle B	Angle C	Sum of Angles	Is form a triangle?
1)	25^0	80^0	75^0		
2)	142^0	29^0	9^0		
3)	60^0	60^0	50^0		
4)	70^0	10^0	100^0		
5)	44^0	98^0	76^0		

Check whether the three angles form a triangle. Write Yes or No.

1) 16^0 , 117^0 , 47^0

2) 20^0 , 90^0 , 70^0

3) 65^0 , 35^0 , 85^0

4) 52^0 , 18^0 , 44^0

5) 60^0 , 60^0 , 60^0

6) 8^0 , 143^0 , 71^0

Angles in Triangle

Answer key

Check whether the angles A, B and C form a triangle. Write Yes or No. Complete the table.

Q.No	Angle A	Angle B	Angle C	Sum of Angles	Is form a triangle?
1)	25^0	80^0	75^0	$25^0 + 80^0 + 75^0 = 180^0$	**Yes**
2)	142^0	29^0	9^0	$142^0 + 29^0 + 9^0 = 180^0$	**Yes**
3)	60^0	60^0	50^0	$60^0 + 60^0 + 50^0 \neq 180^0$	**No**
4)	70^0	10^0	100^0	$70^0 + 10^0 + 100^0 = 180^0$	**Yes**
5)	44^0	98^0	76^0	$44^0 + 98^0 + 76^0 \neq 180^0$	**No**

Check whether the three angles form a triangle. Write Yes or No.

1) 16^0 , 117^0 , 47^0

Yes

2) 20^0 , 90^0 , 70^0

Yes

3) 65^0 , 35^0 , 85^0

No

4) 52^0 , 18^0 , 44^0

No

5) 60^0 , 60^0 , 60^0

Yes

6) 8^0 , 143^0 , 71^0

No