Angles in Triangle

Name _____

Score _____

AT:03

Check whether the angles P, Q and R form a triangle. Write Yes or No. Complete the table.

Q.No	Angle P	Angle Q	Angle R	Sum of Angles	Is form a triangle?
1)	36^0	102^0	51^0		
2)	4^0	166^0	10^0		
3)	40^0	20^0	90^0		
4)	50^0	60^0	70^0		
5)	12^0	24^0	136^0		

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

1) 8^0 , 5^0 , 167^0

2) 75^0 , 25^0 , 50^0

3) 48^0 , 107^0 , 2^0

4) 30^0 , 120^0 , 30^0

5) 65^0 , 12^0 , 103^0

6) 84^0 , 61^0 , 36^0

Angles in Triangle

Answer key

Check whether the angles P, Q and R form a triangle. Write Yes or No. Complete the table.

Q.No	Angle P	Angle Q	Angle R	Sum of Angles	Is form a triangle?
1)	36^0	102^0	51^0	$36^0 + 102^0 + 51^0 \neq 180^0$	**No**
2)	4^0	166^0	10^0	$4^0 + 166^0 + 10^0 = 180^0$	**Yes**
3)	40^0	20^0	90^0	$40^0 + 20^0 + 90^0 \neq 180^0$	**No**
4)	50^0	60^0	70^0	$50^0 + 60^0 + 70^0 = 180^0$	**Yes**
5)	12^0	24^0	136^0	$12^0 + 24^0 + 136^0 \neq 180^0$	**No**

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

1) $8^0 , 5^0 , 167^0$

Yes

2) $75^0 , 25^0 , 50^0$

No

3) $48^0 , 107^0 , 2^0$

No

4) $30^0 , 120^0 , 30^0$

Yes

5) $65^0 , 12^0 , 103^0$

Yes

6) $84^0 , 61^0 , 36^0$

No