



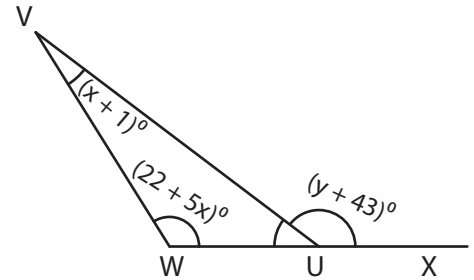
# Angle - Sum Property

Name \_\_\_\_\_

Score \_\_\_\_\_

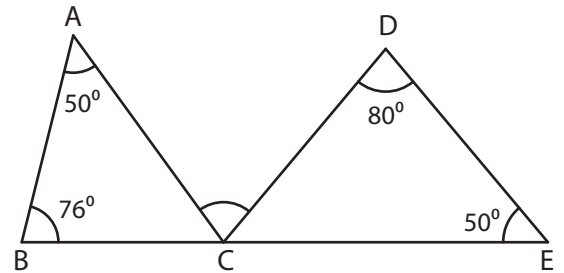
AT:19

- 1) If angle of U is  $(x + 17)^\circ$ , find the value of x and y.



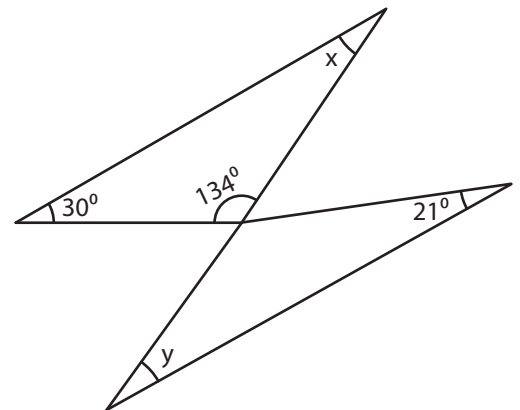
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- 2) The triangle CDE is isosceles triangle. Find the angle of ACD.



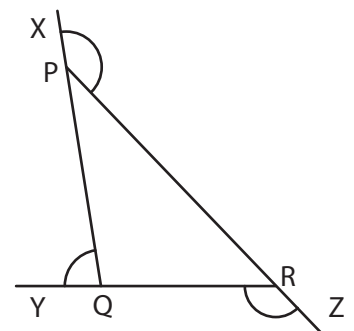
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- 3) Find x and y.



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- 4) The angle of QRP and QPR are  $48^\circ$  and  $33^\circ$  respectively. Find the angle of RPX, PQY and QRZ.



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# Angle - Sum Property

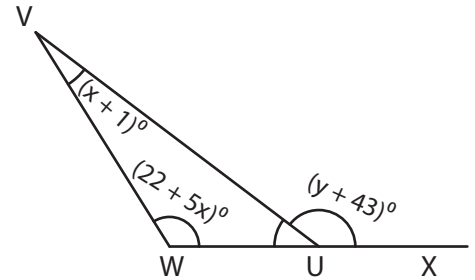
Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

AT:19

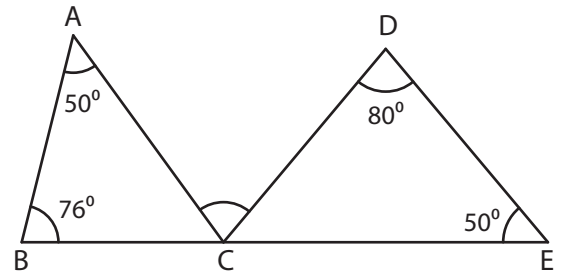
- 1) If angle of U is  $(x + 17)^\circ$ , find the value of x and y.



**$x = 20$  and  $y = 100$**

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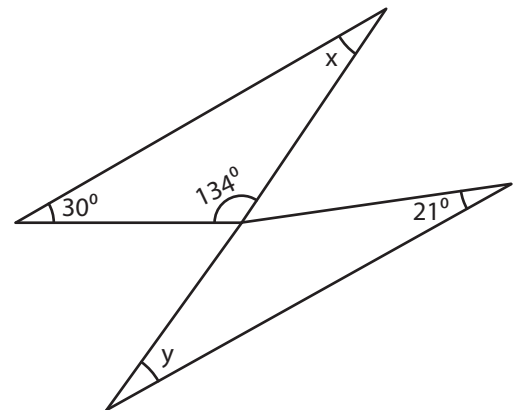
- 2) The triangle CDE is isosceles triangle. Find the angle of ACD.



**The angle of ACD is  $76^\circ$**

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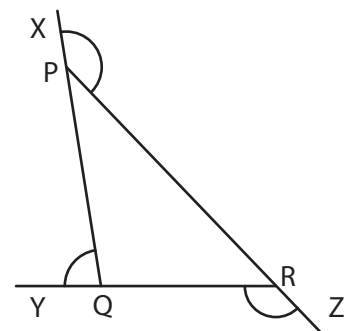
- 3) Find x and y.



**$x = 16^\circ$  and  $y = 25^\circ$**

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- 4) The angle of QRP and QPR are  $48^\circ$  and  $33^\circ$  respectively. Find the angle of RPX, PQY and QRZ.



**$\angle RPX = 147^\circ$ ,  $\angle PQY = 81^\circ$ ,  $\angle QRZ = 132^\circ$**

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