

DESCRIPTION	PICTURE	EQUATION AND JUSTIFICATION	SOLUTIONS
10. $\angle 1$ and $\angle 2$ are complementary $\angle 1 = 4x+23$ $\angle 2 = 2x+1$			$x = \underline{\hspace{2cm}}$ $m\angle 1 = \underline{\hspace{2cm}}^\circ$
11. $\angle RPN$ and $\angle DPN$ are complementary $\angle RPN = 3x+5$ $\angle DPN = 7x+5$			$x = \underline{\hspace{2cm}}$ $m\angle DPN = \underline{\hspace{2cm}}^\circ$
12. $\angle MNO$ and $\angle PNO$ are complementary $\angle MNO = 4x+3$ $\angle PNO = x-8$			$x = \underline{\hspace{2cm}}$ $m\angle PNO = \underline{\hspace{2cm}}^\circ$
13. $\overline{BA}$ bisects $\angle RBT$ $m\angle RBA = 2x+13$ $m\angle ABT = 4x-3$			$x = \underline{\hspace{2cm}}$ $m\angle RBT = \underline{\hspace{2cm}}^\circ$
14. $\overline{XY}$ bisects $\angle CXT$ $\angle CXY = x-31$ $\angle CXT = x+32$			$x = \underline{\hspace{2cm}}$ $m\angle YXT = \underline{\hspace{2cm}}^\circ$
15. $\overline{CA}$ bisects $\angle TCB$ $m\angle TCB = x+56$ $m\angle TCA = x-23$			$x = \underline{\hspace{2cm}}$ $m\angle TCA = \underline{\hspace{2cm}}^\circ$
16. $\overline{BT} \perp \overline{DA}$ at P $m\angle BPA = 6x+6$			$x = \underline{\hspace{2cm}}$
17. $\overline{GH} \perp \overline{RT}$ at P $m\angle HPT = 3x+18$			$x = \underline{\hspace{2cm}}$
18. $\overline{CW} \perp \overline{AQ}$ at M $m\angle YMC = 9x-27$			$x = \underline{\hspace{2cm}}$