

Name : Key

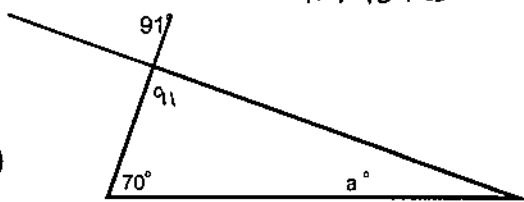
Score : _____

Teacher : _____

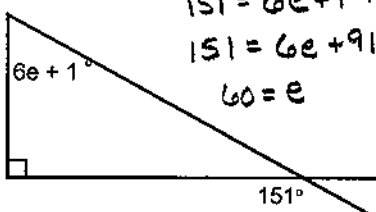
Date : _____

Triangle Angle Sum

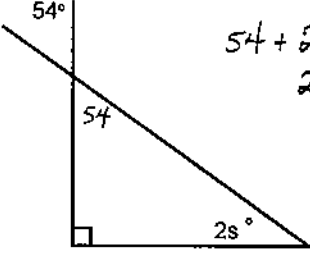
Solve for the given variable.

1)  $91 + 70 + a = 180$

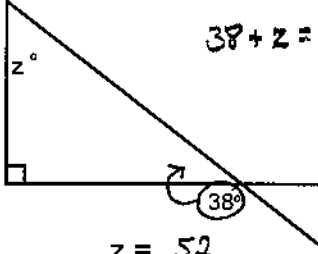
$a = \underline{19}$

5)  $151 = 6e + 1 + 90$
 $151 = 6e + 91$
 $60 = e$

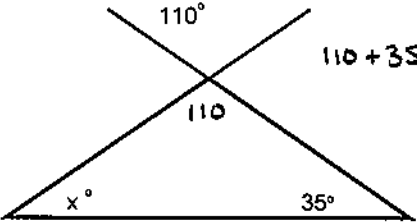
$e = \underline{10}$

2)  $54 + 2s = 90$
 $2s = 36$
 $s = 18$

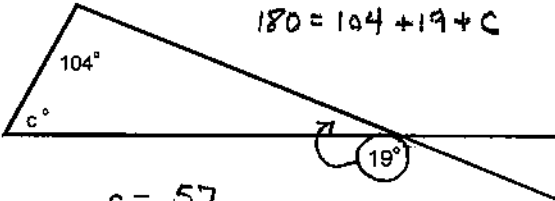
$s = \underline{18}$

6)  $38 + z = 90$

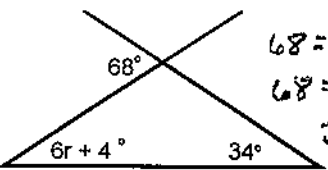
$z = \underline{52}$

3)  $110 + 35 + x = 180$

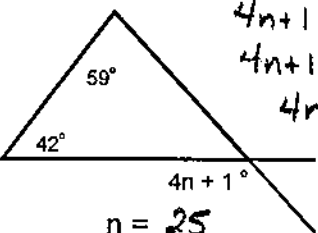
$x = \underline{35}$

7)  $180 = 104 + 19 + c$

$c = \underline{57}$

4)  $68 = 34 + 6r + 4$
 $68 = 38 + 6r$
 $30 = 6r$

$r = \underline{5}$

8)  $4n + 1 = 59 + 42$
 $4n + 1 = 101$
 $4n = 100$

$n = \underline{25}$

