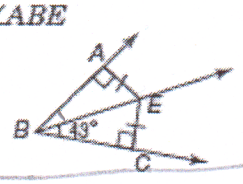
Name: Key Date:

Station 2

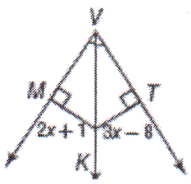
Find the measure asked for in each problem.

1. $\angle ABE$



$\angle ABE = \angle CBE = 43°$

2. MK



$MK = KT$

$2x+1 = 3x-8$

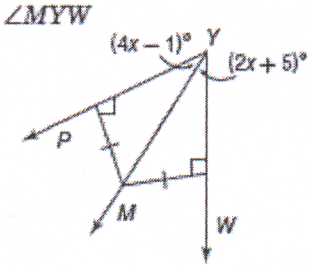
$9 = x$

$MK = 2(9)+1$

$MK = 18+1$

$MK = 19$

3. $\angle MYW$



$\angle MYW = \angle MYP$

$2x+5 = 4x-1$

$6 = 2x$

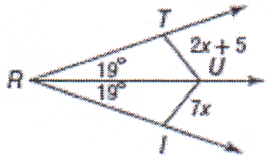
$3 = x$

$\angle MYW = 2(3)+5$

$= 6+5$

$\angle MYW = 11$

4. IU



$IU = TU$

$7x = 2x+5$

$5x = 5$

$x = 1$

$IU = 7(1) = 7$