II. Answer or prove the following:

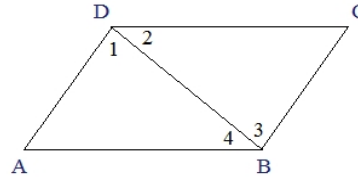1) Given $\overline{AD} \parallel \overline{BC}$

$m\angle 1 = 5.8x + 2.2$
$m\angle 2 = 4x$
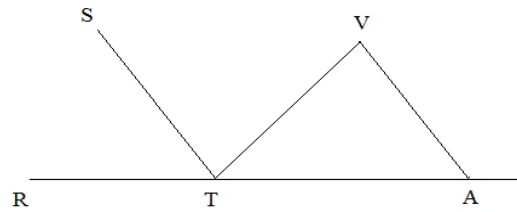$m\angle 3 = 6.4x - 4.4$
$m\angle 4 = 42$

Find $m\angle 1 =$

Are $\overline{DC}$ and $\overline{AB}$ parallel segments?

2) Given: $\overline{ST}$ bisects $\angle RTV$

$\overline{ST} \parallel \overline{VA}$

Prove: $\triangle VAT$ is isosceles

Statements	Reasons