

Name : \_\_\_\_\_

T2S2

## Solving Triangles

Solve each triangle from the given measurements. Round your answer to the nearest tenth.

1)  $m\angle W = 45^\circ$ ,  $x = 14.5$  yd,  $y = 12$  yd

2)  $r = 27$  in,  $s = 13$  in,  $t = 23$  in

$m\angle X =$  \_\_\_\_\_

$m\angle Y =$  \_\_\_\_\_

$w =$  \_\_\_\_\_

3)  $f = 30$  ft,  $g = 51$  ft

$1$  yd,  $w = 28.4$  yd

$m\angle F =$  \_\_\_\_\_

$m\angle V =$  \_\_\_\_\_

$m\angle G =$  \_\_\_\_\_

$m\angle W =$  \_\_\_\_\_

$m\angle H =$  \_\_\_\_\_

$u =$  \_\_\_\_\_

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