

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

## Possible Triangles

Write the number of possible triangles that can be formed using given measurements.

1)  $m\angle S = 98^\circ$ ,  $s = 28$  ft,  $t = 32$  ft

2)  $m\angle U = 42^\circ$ ,  $u = 10$  in,  $v = 13$  in

3)  $m\angle R = 61^\circ$ ,  $r = 82$

$34$  ft,  $y = 51$  ft

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5)  $m\angle P = 76.5^\circ$ ,  $p =$

$85$  yd,  $f = 85$  yd

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**Possible Triangles**

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1)  $m\angle S = 98^\circ, s = 28 \text{ ft}, t = 32 \text{ ft}$

2)  $m\angle U = 42^\circ, u = 10 \text{ in}, v = 13 \text{ in}$

3)  $m\angle R = 61^\circ, r = 82$

34 ft,  $y = 51 \text{ ft}$

5)  $m\angle P = 76.5^\circ, p =$

85 yd,  $f = 85 \text{ yd}$

**No triangle****angles****PREVIEW**

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**Two triangles****angle****One triangle****No triangle**