

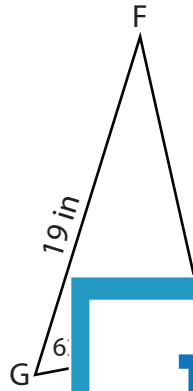
Name : \_\_\_\_\_

## Solving Triangles

T1S2

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

1)

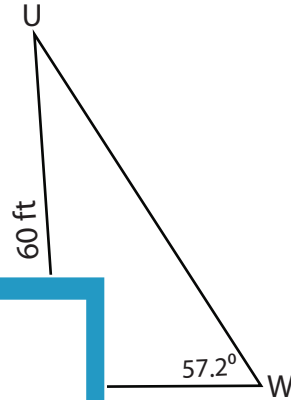


$m\angle F =$  \_\_\_\_\_

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

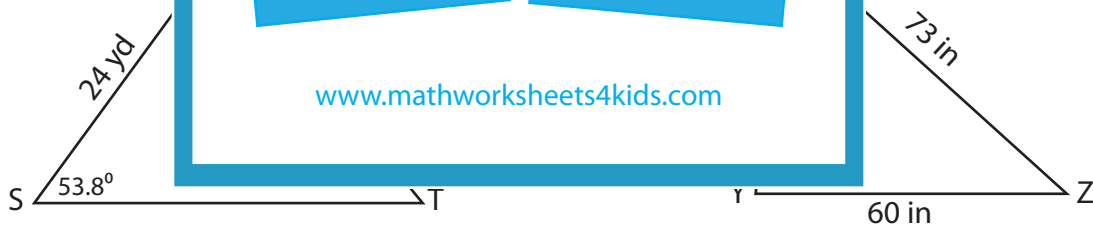
$g =$  \_\_\_\_\_

2)



$57.2^\circ$

3)



$m\angle R =$  \_\_\_\_\_

$m\angle T =$  \_\_\_\_\_

$r =$  \_\_\_\_\_

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

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

$m\angle Z =$  \_\_\_\_\_

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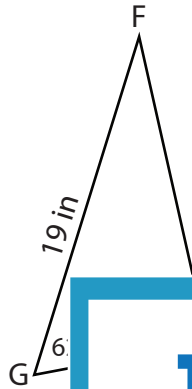
**Answer key**

**Solving Triangles**

T1S2

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

1)

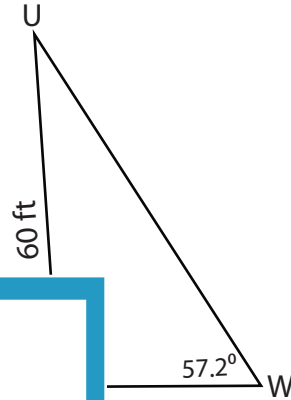


$m\angle F =$  \_\_\_\_\_

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

$g =$  \_\_\_\_\_

2)

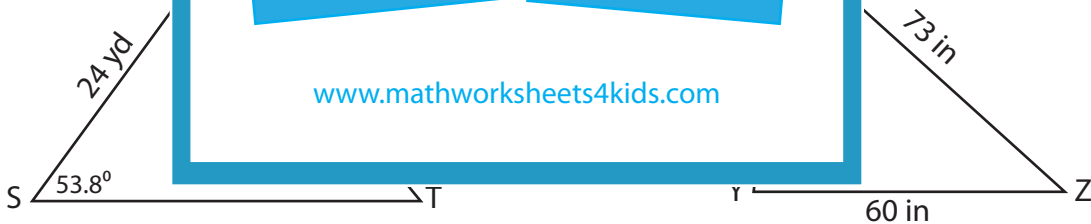


$m\angle U =$  **28.8°**

$YW =$  **34.4 ft**

$WU =$  **71.2 ft**

3)



$m\angle R =$  **75.4°**

$m\angle X =$  **54.7°**

$m\angle T =$  **50.8°**

$m\angle Y =$  **83.2°**

$r =$  **30 yd**

$m\angle Z =$  **42.1°**

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