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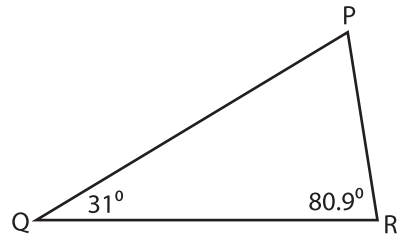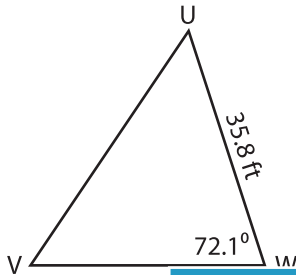
Solve each triangle from the given measurements. Round your answer to the nearest tenth.

1)   Area = 579.14 ft²

U

35.8 ft

72.1⁰
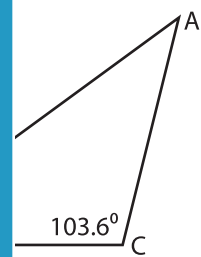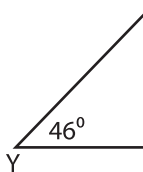
V   W

$m\angle U$ = _____

$m\angle V$ = _____

u = _____

w = _____

2)   Area = 951.03 in²

P

31⁰   80.9⁰

Q   R

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3)   Area = 228.2   ' ft²

A

46⁰   103.6⁰ C

Y

$m\angle Z$ = _____

x = _____

y = _____

z = _____

$m\angle A$ = _____

$m\angle B$ = _____

b = _____

c = _____