2.3 Entry Task

Name: _____
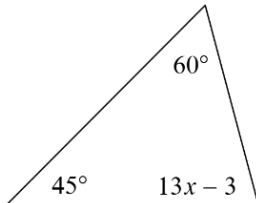
Period: _____

Directions: Answer the following questions. Be sure to show all work to receive full credit.

1. All angles in a triangle must add up to _____.

2. The exterior angle of a triangle equals the sum of the two _____ _____ _____.
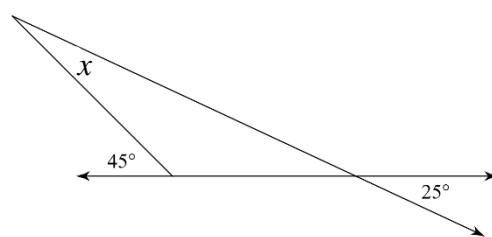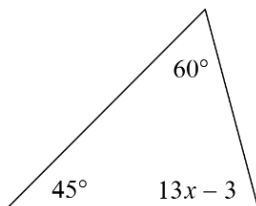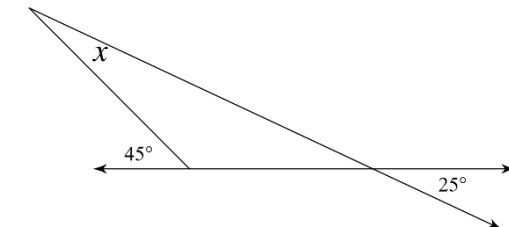
Find the value of x in each of the following:

3.

$60°$

$45°$ $13x - 3$

4.

x

$45°$

$25°$

Equation to help solve:	Equation to help solve:
Solve for x.	Solve for x
$x =$_____	$x =$_____

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$60°$

$45°$ $13x - 3$

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x

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$25°$

Equation to help solve:	Equation to help solve:
Solve for x.	Solve for x
$x =$_____	$x =$_____

5.

Equation to help solve:

Solve for x.
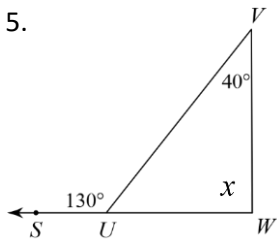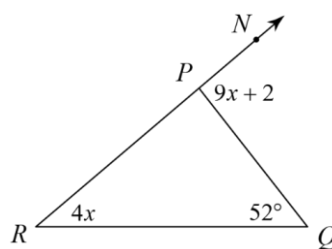
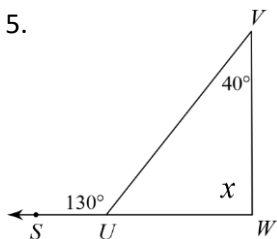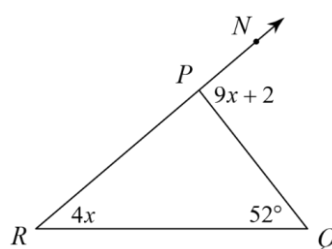$x =$ _____

6.

Equation to help solve:

Solve for x

$x =$ _____

5.

Equation to help solve:

Solve for x.

$x =$ _____

6.

Equation to help solve:

Solve for x

$x =$ _____