

Student Name: _____

Score: _____

Type of Triangle

From the given angles of measures of the triangles, identify the type of triangle.
(Acute or obtuse or right)

Angles	Type of triangle
$30^{\circ}, 60^{\circ}, 90^{\circ}$	
$70^{\circ}, 72^{\circ}, 38^{\circ}$	
$120^{\circ}, 30^{\circ}, 30^{\circ}$	
$105^{\circ}, 60^{\circ}, 65^{\circ}$	
$45^{\circ}, 90^{\circ}, 45^{\circ}$	
$75^{\circ}, 60^{\circ}, 45^{\circ}$	
$50^{\circ}, 80^{\circ}, 50^{\circ}$	

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Answers

Angles	Type of triangle
$30^{\circ}, 60^{\circ}, 90^{\circ}$	Right triangle
$70^{\circ}, 72^{\circ}, 38^{\circ}$	Acute triangle
$120^{\circ}, 30^{\circ}, 30^{\circ}$	Obtuse triangle
$105^{\circ}, 60^{\circ}, 65^{\circ}$	Obtuse triangle
$45^{\circ}, 90^{\circ}, 45^{\circ}$	Right triangle
$75^{\circ}, 60^{\circ}, 45^{\circ}$	Acute triangle
$50^{\circ}, 80^{\circ}, 50^{\circ}$	Acute triangle