



Comparing Triangles

I know the name and properties of different types of triangle.



Draw, name and describe the triangles.

This is an _____ triangle. It has 3 _____ sides.	This is an _____ triangle. It has 2 _____ sides.	This is a _____ triangle. All 3 sides are _____.
This is an _____ triangle. It has 3 _____ angles.	This is an _____ triangle. It has 2 _____ angles.	This is a _____ triangle. All 3 angles are _____.
	<p>Word Bank</p> <p>equilateral triangle 90°</p> <p>isosceles equal</p> <p>right-angled different</p> <p>scalene right angle</p>	
This is a _____ triangle. One of the angles is _____.		



Comparing Triangles

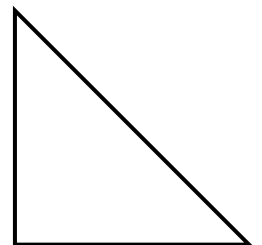
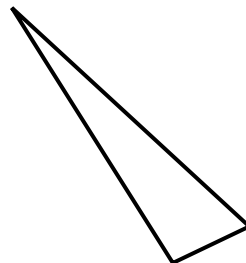
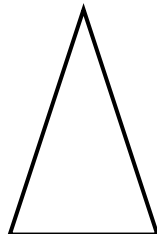
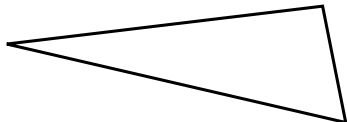
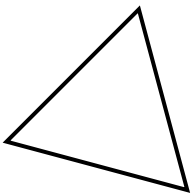
I know the name and properties of different types of triangle.



Sort the triangles into the correct box. Then name and write a mathematical fact for each triangle.

	An Obtuse Angle	No Obtuse Angle
A Right Angle		
No Right Angle		

Triangles



Word Bank

Equilateral

Isosceles

Scalene

Right-Angled



Comparing Triangles

Answers

Draw, name and describe the triangles.

This is an <u>equilateral</u> triangle. It has 3 <u>equal</u> sides.	This is an <u>isosceles</u> triangle. It has 2 <u>equal</u> sides.	This is a <u>scalene</u> triangle. All 3 sides are <u>different</u> .												
This is an <u>equilateral</u> triangle. It has 3 <u>equal</u> angles.	This is an <u>isosceles</u> triangle. It has 2 <u>equal</u> angles.	This is a <u>scalene</u> triangle. All 3 angles are <u>different</u> .												
	<p>Word Bank</p> <table border="0"> <tr> <td>equilateral</td> <td>triangle</td> <td>90°</td> </tr> <tr> <td>isosceles</td> <td>equal</td> <td></td> </tr> <tr> <td>right-angled</td> <td>different</td> <td></td> </tr> <tr> <td>scalene</td> <td>right angle</td> <td></td> </tr> </table>		equilateral	triangle	90°	isosceles	equal		right-angled	different		scalene	right angle	
equilateral	triangle	90°												
isosceles	equal													
right-angled	different													
scalene	right angle													
This is a <u>right-angled</u> triangle. One of the angles is <u>90°</u> .														

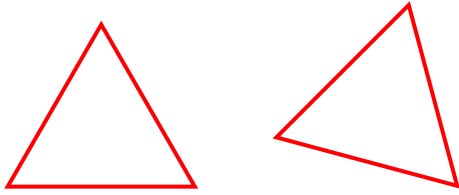


Comparing Triangles

Answers

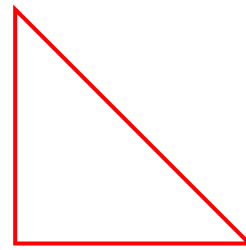
Sort the triangles into the correct sorting box. Then write a mathematical fact for each type of triangle.

Equilateral Triangles



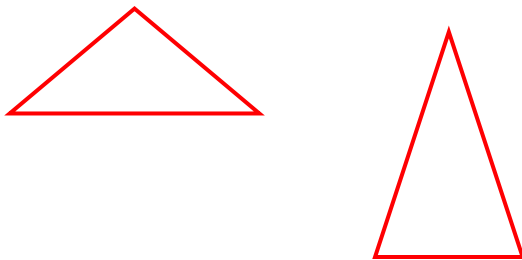
Fact: They have 3 equal sides, they have 3 equal angles.

Right-Angled Triangles



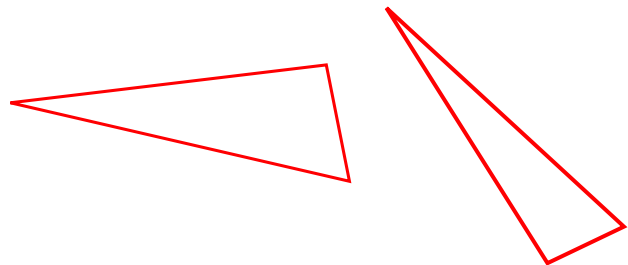
Fact: One of its angles is 90° .

Isosceles Triangles



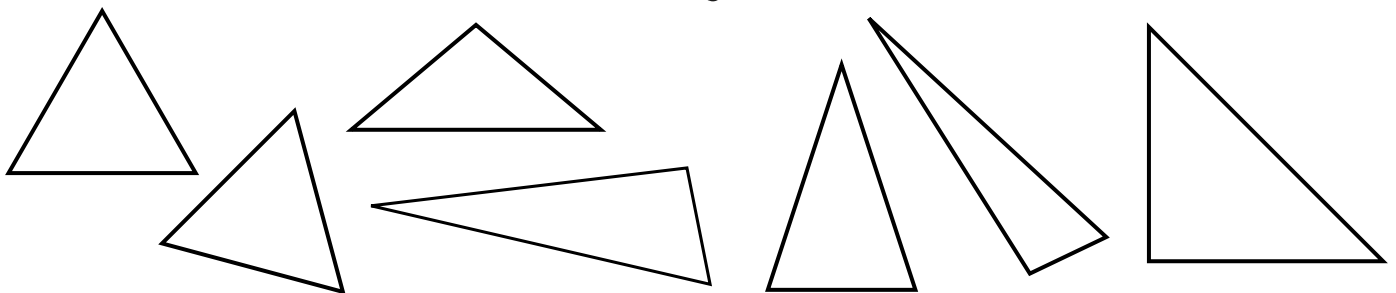
Fact: 2 of their sides are equal, 2 of their angles are equal.

Scalene Triangles



Fact: All 3 of their sides and angles are different.

Triangles

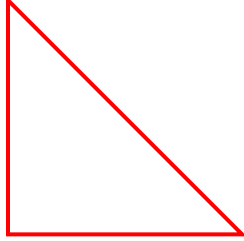
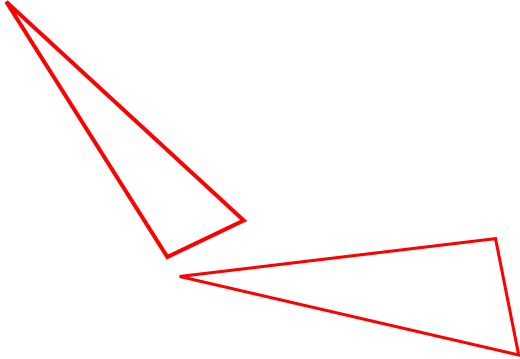
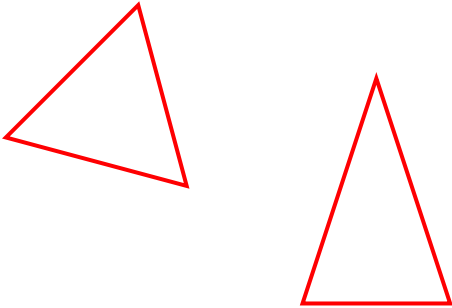


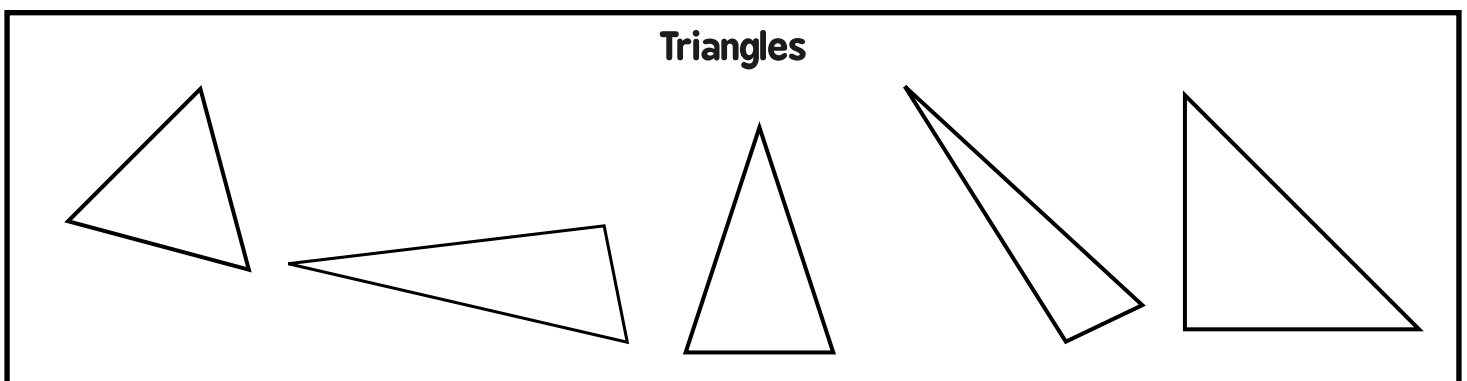


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Sort the triangles into the correct box. Then name and write a mathematical fact for each triangle.

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