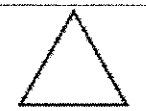
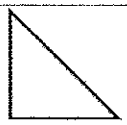
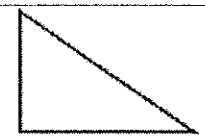
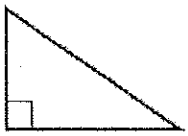
# Classifying Triangles

| You can classify triangles by their sides. | | |
|---|---|---|
|  **Equilateral triangle** Has 3 sides that are the same length. |  **Isosceles triangle** Has at least 2 sides that are the same length. |  **Scalene triangle** Has no sides that are the same length. |

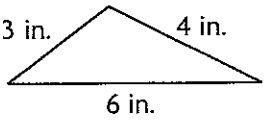
| You can also classify triangles by their angles. | | |
|---|---|---|
|  **Right triangle** Has 1 angle that is a right angle (90 degrees). | **Acute triangle** Has all 3 angles that are acute angle (less than 90 degrees). | **Obtuse triangle** Has 1 angle that is an obtuse angle (greater than 90 degrees). |

Classwork

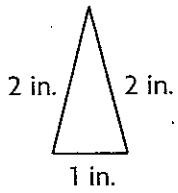
## Triangles

Classify each triangle. Write *isosceles, scalene,* or *equilateral.*

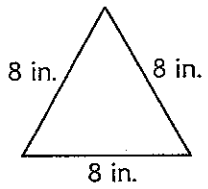
**1.**




**2.**

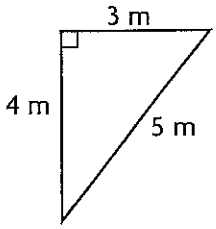



**3.**




Classify each triangle. Write *right, acute,* or *obtuse.*

**4.**

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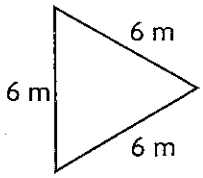


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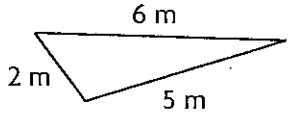
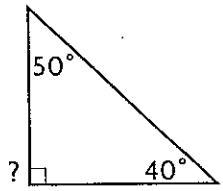



Challenge:

Find the unknown angle measure. (All angles add up to 180°)

Bonus:

**7.**

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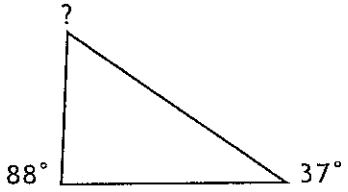


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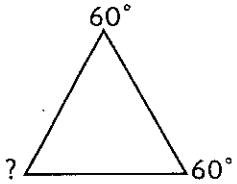
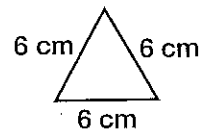


Name _____ Date _____

# Triangles

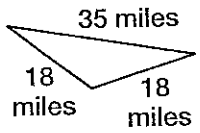
**Classify each triangle in two ways.**

**Example**




equilateral; acute

**1.**

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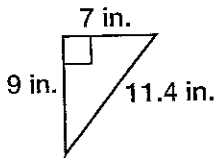
**2.**

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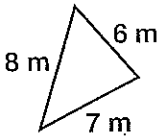
**3.**

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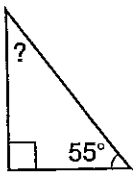
**Find the missing angle measures.**

**4.**

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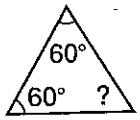
**5.**

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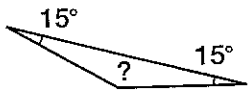
**6.**

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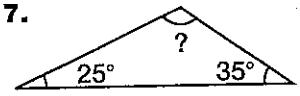
**7.**

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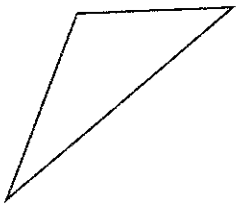
Name : _____ Score : _____

Homework

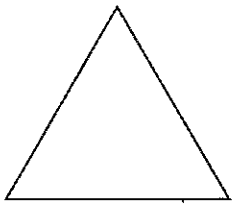
# Identifying Triangles

Sides & Angles: S1

Identify each triangle based on both sides and angles.

1) 

Scalene obtuse triangle

2) 

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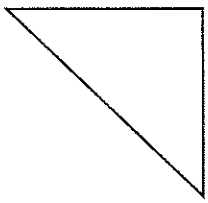
3) 

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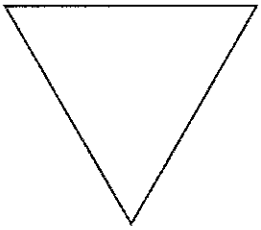
4) 

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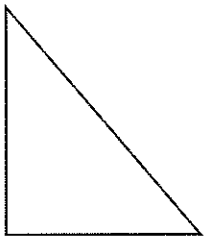
5) 

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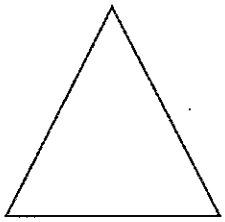
6) 

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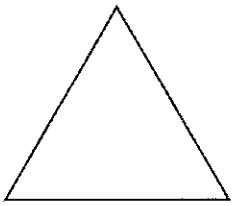
7) 

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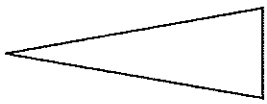
8) 

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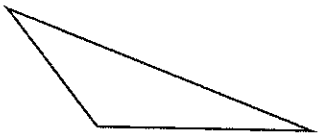
9) 

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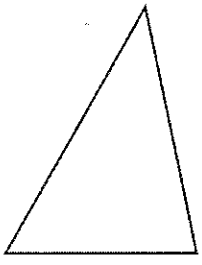
10) 

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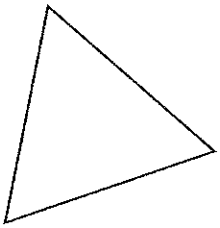
11) 

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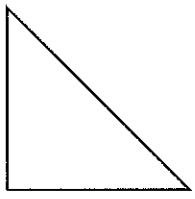
12) 

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