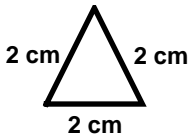
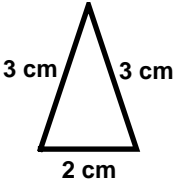
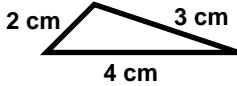
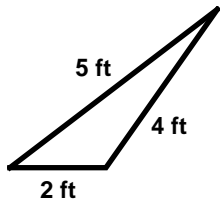
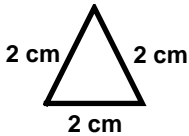
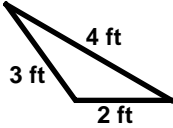
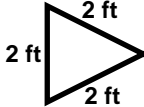
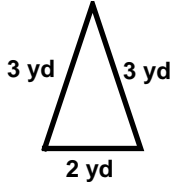
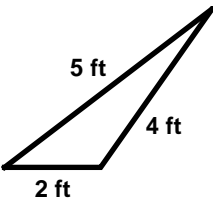
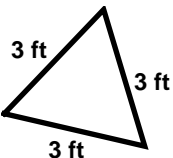
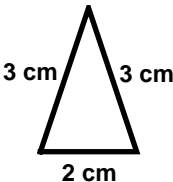
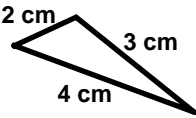
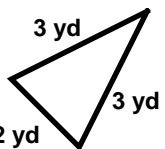
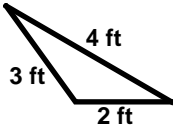
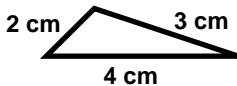
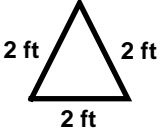
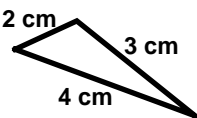
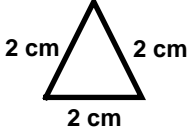
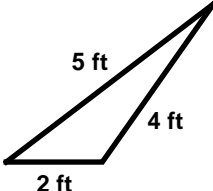
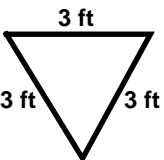


Geometric Figures: Skill 5 - 20D

Classify Triangles: Isosceles, Scalene, and Equilateral

Answers to test question 20D 1. scalene triangle 2. obtuse triangle 3. 40°

Directions: Identify the triangles. Write isosceles, scalene or equilateral under each triangle. Begin with number 1.

equilateral triangle  3 congruent sides	isosceles triangle  2 congruent sides	scalene triangle  no congruent sides	1. 
2.  3 congruent sides	3.  no congruent sides	4.  2 congruent sides	5.  2 congruent sides
6.  no congruent sides	7.  3 congruent sides	8.  3 congruent sides	9.  no congruent sides
10.  2 congruent sides	11.  no congruent sides	12.  no congruent sides	13.  3 congruent sides
14.  no congruent sides	15.  3 congruent sides	16.  no congruent sides	17.  3 congruent sides

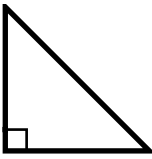
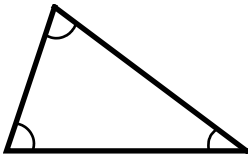
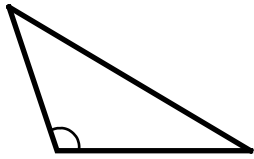
Geometric Figures: Skill 5 - 20D

Triangles: Right, Acute and Obtuse

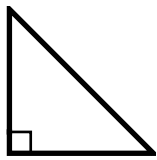
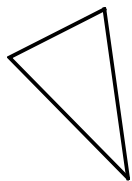
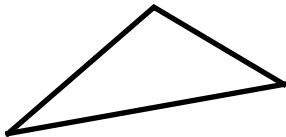
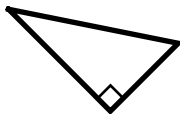
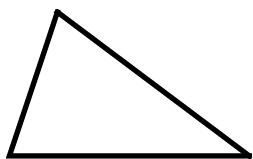
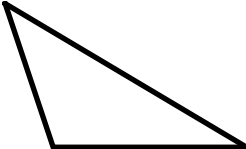
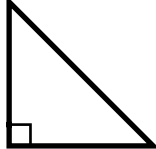
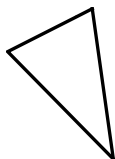
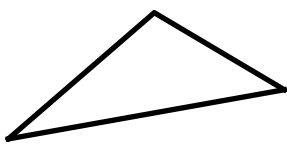
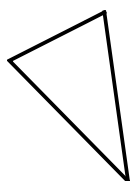
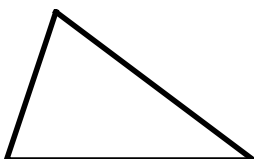
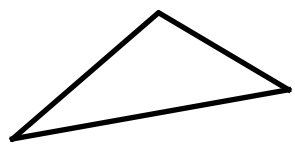
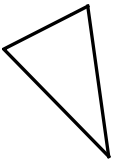
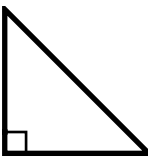
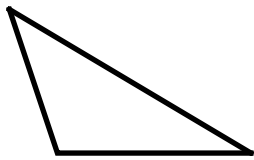
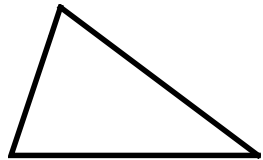
On the previous page, you classified triangles by the length of their sides.

On this page, you will classify triangles by the measure of their angles.

Examples

Right Triangle	Acute Triangle	Obtuse Triangle
		
<p>A right triangle has one right angle.</p>	<p>An acute triangle has three acute angles.</p>	<p>An obtuse triangle has one obtuse angle.</p>

Directions: Identify the triangles. Write right, acute or obtuse triangle under each triangle.

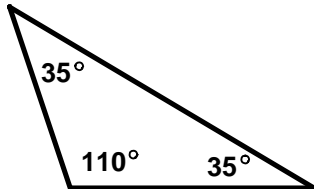
18. 	19. 	20. 	21. 
22. 	23. 	24. 	25. 
26. 	27. 	28. 	29. 
30. 	31. 	32. 	33. 

Geometric Figures: Skill 5 - 20D

Triangles: Find the Unknown Angle in a Triangle

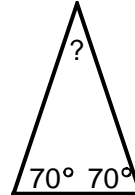
When you add all three angles of any triangle the sum is always 180° .

Find the sum of the measures of the angles.



$$110^\circ + 35^\circ + 35^\circ = 180^\circ$$

Find the unknown angle.



$$70^\circ + 70^\circ + b = 180^\circ$$

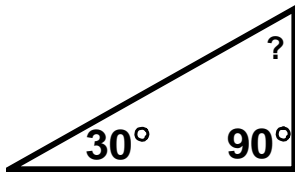
$$140^\circ + b = 180^\circ$$

$$140^\circ - 140^\circ + b = 180^\circ - 140^\circ$$

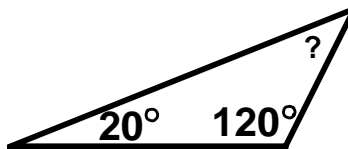
$$b = 40^\circ$$

Directions: Find the unknown angle in each triangle. Use the space below each triangle to work.

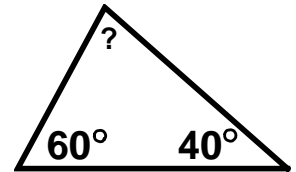
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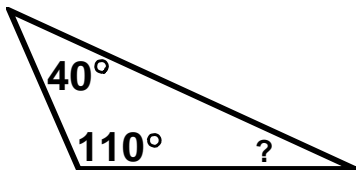
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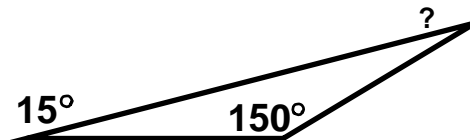
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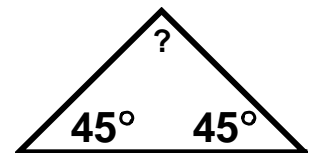
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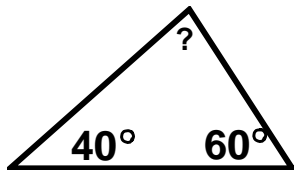
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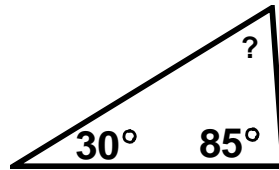
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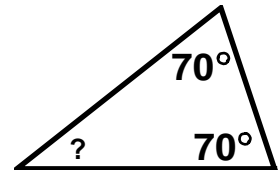
40.



41.



42.



Answers: Skill 20D Grade 5

1. scalene	2. equilateral	3. scalene	4. equilateral	5. isosceles
6. scalene	7. equilateral	8. isosceles	9. scalene	10. isosceles
11. scalene	12. scalene	13. equilateral	14. scalene	15. equilateral
16. scalene	17. equilateral	18. right	19. acute	20. obtuse
21. right	22. acute	23. obtuse	24. right	25. acute
26. obtuse	27. acute	28. acute	29. obtuse	30. acute
31. right	32. obtuse	33. acute	34. 60°	35. 40°
36. 80°	37. 30°	38. 15°	39. 90°	40. 80°
41. 65°	42. 40°			

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