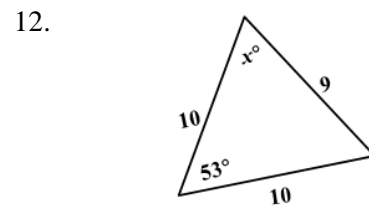
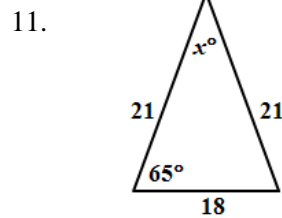
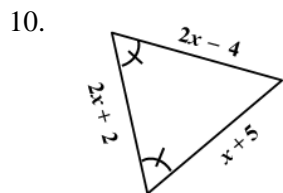
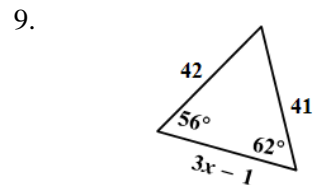
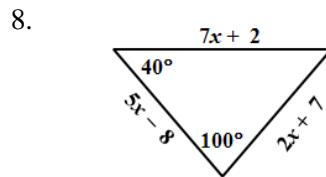
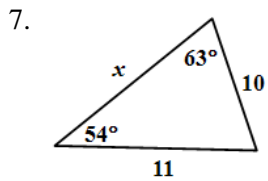
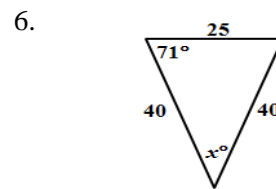
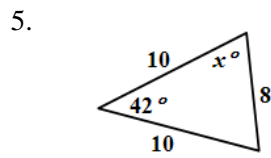
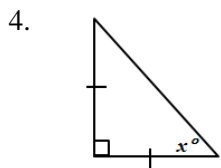
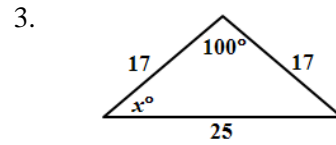
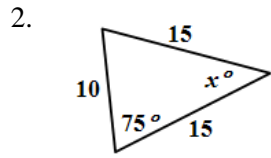
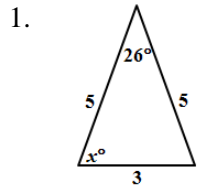


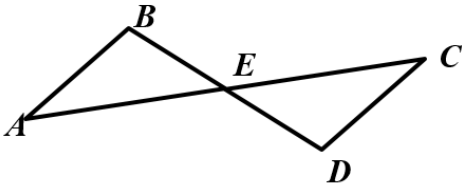
Math 2 Unit 3 Worksheet 5
Isosceles and Equilateral Triangles

Name: _____
 Date: _____ Per: _____

[1-12] Solve for x. Show your work.
 NOTE: Diagrams are not drawn to scale.



13. **Given:** $\overline{AB} \parallel \overline{DC}$, $\overline{AB} \cong \overline{CD}$
Prove: $\triangle ABE \cong \triangle CDE$

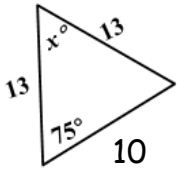


Statements

Reasons

- [14-15] Solve for x , find the perimeter of the triangle, and classify the triangle (equilateral, scalene, isosceles, right, obtuse or acute). Show Work.

14.

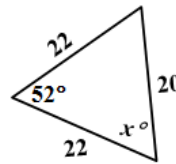


$x =$

Perimeter =

Classify the triangle:

15.

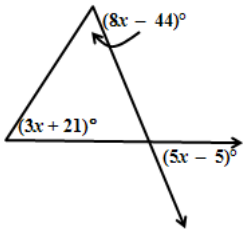


$x =$

Perimeter =

Classify the triangle:

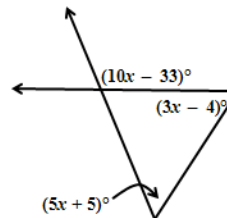
16.



$x =$

Classify the triangle:

17.



$x =$

Classify the triangle: