Name: Math 2

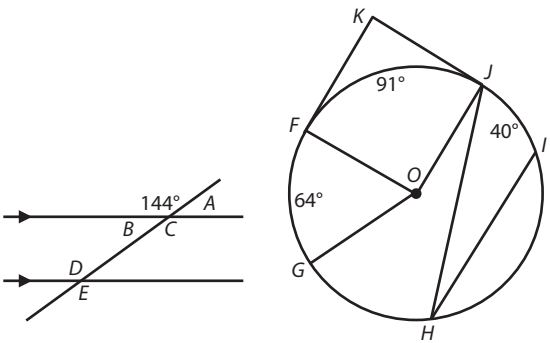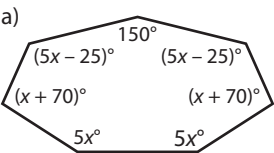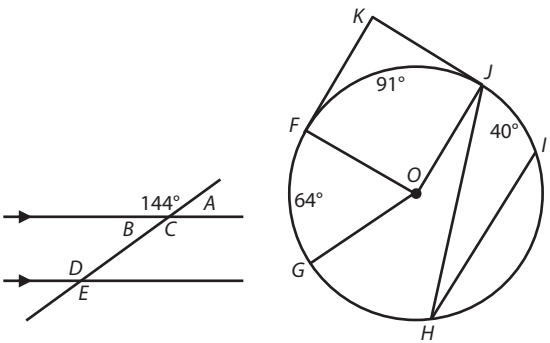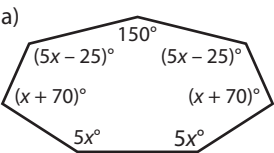**Date:**   **Practice Quiz 3-B**

1. Identify the measure of each of the following angles. Use two or more words to justify each answer.

a) $\angle A$ b) $\angle B$ c) $\angle C$

d) $\angle D$ e) $\angle E$ f) $\angle FOG$

g) $\angle FOJ$ h) $\angle FKJ$ i) $\angle IHJ$

2. Write and solve an equation for x.

a)

150°
$(5x - 25)°$ $(5x - 25)°$
$(x + 70)°$ $(x + 70)°$
$5x°$ $5x°$

3. Write and solve an equation to find the number of sides n of a polygon with angles as stated.

a) The sum of the interior angles is 1800°.   b) Each interior angle is 174°.