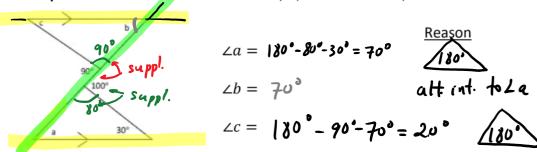
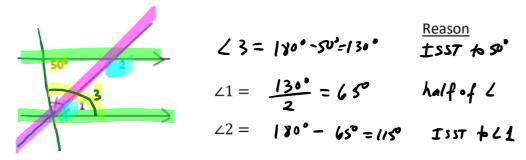


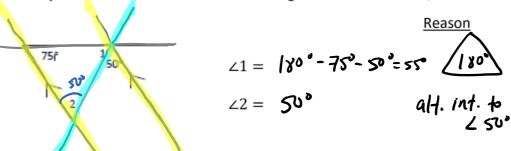
Example 2: Determine the **measures** of *a*, *b*, and *c*. For each, state the **reason**.



Example 3: Determine the **measures** of angles 1 and 2. For each, state the **reason**.

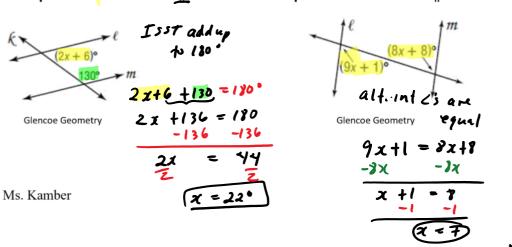


Example 4: Determine the **measures** of angles 1 and 2. For each, state the **reason**.



Example 5: Find x so that $\ell \parallel m$

Example 6: Find x so that $\ell \parallel m$

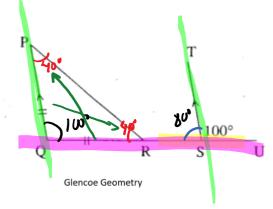


Ch 2 – Day 3: Angles Formed by Parallel Lines

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Example 7: Determine the **measures** of a hand d. For each, state the **reason**.

Example 7: Determine the **measures** of a part of the reason.



$$\angle Q = 100^{\circ}$$

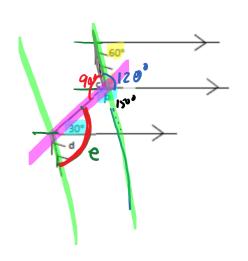
$$\angle Q = 100^{\circ}$$
 Corr. to $\angle TS4$

$$\angle P = 180^{\circ} - 100 = 80^{\circ}$$

$$80 \div 2 = 40^{\circ}$$

$$\angle R = 40^{\circ}$$

Example 8: Determine the **measures** of *a*, *b*, *c* and *d*. For each, state the **reason**.



Reason

$$\angle c = 360^{\circ} - \angle a - \angle b$$

 $\angle d = 2e - 30^{\circ} = 60^{\circ}$
 $\angle e = 90^{\circ}$ all into

Assignment:

- Parallel Lines Worksheet

Ms. Kamber